

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071435.D
 Acq On : 21 Mar 2022 22:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 06:25:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	624696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1039960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	984352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	402120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	443270	51.774	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.540%			
35) Dibromofluoromethane	8.016	113	333342	50.795	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.580%			
50) Toluene-d8	10.439	98	1321888	50.029	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.060%			
62) 4-Bromofluorobenzene	12.727	95	736942	82.364	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 164.720%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	279715	40.855	ug/l	98
3) Chloromethane	2.293	50	398675	43.370	ug/l	99
4) Vinyl Chloride	2.434	62	371405	44.265	ug/l	96
5) Bromomethane	2.810	94	154045	39.909	ug/l	99
6) Chloroethane	2.981	64	230189	45.302	ug/l	96
7) Trichlorofluoromethane	3.351	101	507410	45.946	ug/l	98
8) Diethyl Ether	3.816	74	225712	47.762	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.198	101	296342	46.353	ug/l	94
10) Methyl Iodide	4.416	142	401600	44.476	ug/l	99
11) Tert butyl alcohol	5.369	59	497589	295.847	ug/l	98
12) 1,1-Dichloroethene	4.175	96	285791	45.633	ug/l	94
13) Acrolein	4.040	56	1840m	1.034	ug/l	
14) Allyl chloride	4.834	41	631198	46.339	ug/l #	85
15) Acrylonitrile	5.545	53	1291277	258.559	ug/l	99
16) Acetone	4.281	43	1085987	260.688	ug/l	95
17) Carbon Disulfide	4.522	76	689064	38.647	ug/l	99
18) Methyl Acetate	4.851	43	611116	54.579	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	1199506	51.013	ug/l	95
20) Methylene Chloride	5.093	84	365113	47.970	ug/l	90
21) trans-1,2-Dichloroethene	5.587	96	307671	44.914	ug/l	88
22) Diisopropyl ether	6.492	45	1347604	50.217	ug/l	92
23) Vinyl Acetate	6.428	43	5886307	259.098	ug/l	98
24) 1,1-Dichloroethane	6.381	63	684596	48.278	ug/l	99
25) 2-Butanone	7.328	43	1838917	274.028	ug/l	95
26) 2,2-Dichloropropane	7.316	77	490685	44.853	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	389332	47.887	ug/l	90
28) Bromochloromethane	7.651	49	260815	41.303	ug/l	83
29) Tetrahydrofuran	7.681	42	1223732	263.224	ug/l	91
30) Chloroform	7.816	83	653737	48.337	ug/l	98
31) Cyclohexane	8.092	56	600125	43.893	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	567592	49.268	ug/l	98
36) 1,1-Dichloropropene	8.216	75	481119	45.757	ug/l	96
37) Ethyl Acetate	7.410	43	708856	48.986	ug/l	98
38) Carbon Tetrachloride	8.204	117	474421	46.648	ug/l	95
39) Methylcyclohexane	9.457	83	566740	45.818	ug/l	94
40) Benzene	8.457	78	1479762	46.710	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071435.D
 Acq On : 21 Mar 2022 22:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 06:25:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	386236	54.540	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	542893	49.246	ug/l	100
43) Isopropyl Acetate	8.557	43	1104554	51.043	ug/l	96
44) Trichloroethene	9.216	130	353689	47.318	ug/l	100
45) 1,2-Dichloropropane	9.486	63	409866	48.196	ug/l	98
46) Dibromomethane	9.575	93	251960	48.137	ug/l	97
47) Bromodichloromethane	9.757	83	522471	49.393	ug/l	99
48) Methyl methacrylate	9.557	41	527250	52.577	ug/l #	84
49) 1,4-Dioxane	9.563	88	209000	1199.004	ug/l	87
51) 4-Methyl-2-Pentanone	10.327	43	3671569	273.393	ug/l	99
52) Toluene	10.498	92	937741	48.071	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	577254	49.506	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	621810	48.805	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	381901	48.856	ug/l	98
56) Ethyl methacrylate	10.757	69	693368	54.315	ug/l	92
57) 1,3-Dichloropropane	11.039	76	694141	49.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	789099	289.293	ug/l	95
59) 2-Hexanone	11.080	43	2728768	297.798	ug/l	99
60) Dibromochloromethane	11.233	129	396933	51.106	ug/l	100
61) 1,2-Dibromoethane	11.339	107	392138	49.084	ug/l	100
64) Tetrachloroethene	10.975	164	301300	43.888	ug/l	99
65) Chlorobenzene	11.769	112	1009696	47.763	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	371383	47.912	ug/l	99
67) Ethyl Benzene	11.839	91	1839839	49.223	ug/l	98
68) m/p-Xylenes	11.951	106	1372868	100.402	ug/l	98
69) o-Xylene	12.274	106	692505	50.524	ug/l	97
70) Styrene	12.292	104	1123824	52.969	ug/l	97
71) Bromoform	12.457	173	310234	52.702	ug/l #	99
73) Isopropylbenzene	12.574	105	1797597	46.373	ug/l	100
74) N-amyl acetate	12.386	43	786951	53.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	618047	53.851	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	501322m	51.524	ug/l	
77) Bromobenzene	12.857	156	412790	45.667	ug/l	79
78) n-propylbenzene	12.916	91	1994834	47.957	ug/l	97
79) 2-Chlorotoluene	13.004	91	1227705	45.979	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1418499	47.035	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	184375	49.564	ug/l	92
82) 4-Chlorotoluene	13.098	91	1153955	48.518	ug/l	94
83) tert-Butylbenzene	13.321	119	1312913	48.782	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	1408108	48.746	ug/l	98
85) sec-Butylbenzene	13.498	105	1772259	49.542	ug/l	99
86) p-Isopropyltoluene	13.610	119	1420603	50.495	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	674080	45.896	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	652243	45.431	ug/l	98
89) n-Butylbenzene	13.939	91	1095063	49.766	ug/l	96
90) Hexachloroethane	14.210	117	266804	47.689	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	658691	46.649	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	121310	53.786	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	333365	50.551	ug/l	97
94) Hexachlorobutadiene	15.368	225	181090	45.684	ug/l	98
95) Naphthalene	15.498	128	1074378	57.443	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	334474	52.817	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
Data File : VN071435.D
Acq On : 21 Mar 2022 22:06
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 06:25:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071435.D
 Acq On : 21 Mar 2022 22:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 06:25:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

