

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031422\
 Data File : VN071257.D
 Acq On : 14 Mar 2022 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 15 02:49:12 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	8.075	168	648137	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.963	114	1041971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	955754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	417274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	416008	46.832	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.660%		
35) Dibromofluoromethane	8.016	113	315712	48.016	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.040%		
50) Toluene-d8	10.434	98	1253606	47.353	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.700%		
62) 4-Bromofluorobenzene	12.722	95	445595	49.706	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	317789	44.737	ug/l	99
3) Chloromethane	2.299	50	438332	45.961	ug/l	100
4) Vinyl Chloride	2.440	62	410203	47.121	ug/l	99
5) Bromomethane	2.834	94	223748	58.585	ug/l	97
6) Chloroethane	3.005	64	258097	48.957	ug/l	97
7) Trichlorofluoromethane	3.369	101	541030	47.219	ug/l	96
8) Diethyl Ether	3.822	74	225416	45.974	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.211	101	314435	47.405	ug/l	95
10) Methyl Iodide	4.416	142	401460	42.852	ug/l	99
11) Tert butyl alcohol	5.352	59	344540	197.441	ug/l	98
12) 1,1-Dichloroethene	4.181	96	305000	46.939	ug/l	94
13) Acrolein	4.034	56	357800	193.718	ug/l	100
14) Allyl chloride	4.834	41	652406	46.163	ug/l	88
15) Acrylonitrile	5.540	53	1102723	212.818	ug/l	99
16) Acetone	4.275	43	1240839	287.087	ug/l	98
17) Carbon Disulfide	4.528	76	800035	43.248	ug/l	99
18) Methyl Acetate	4.846	43	536278	46.235	ug/l	96
19) Methyl tert-butyl Ether	5.605	73	1182719	48.480	ug/l	95
20) Methylene Chloride	5.093	84	368470	46.670	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	327709	46.108	ug/l	86
22) Diisopropyl ether	6.487	45	1317882	47.333	ug/l	94
23) Vinyl Acetate	6.422	43	5697322	241.710	ug/l	98
24) 1,1-Dichloroethane	6.381	63	689865	46.890	ug/l	99
25) 2-Butanone	7.322	43	1651374	237.181	ug/l	97
26) 2,2-Dichloropropane	7.316	77	578154	50.938	ug/l	97
27) cis-1,2-Dichloroethene	7.316	96	396386	46.991	ug/l	90
28) Bromochloromethane	7.652	49	295128	45.046	ug/l	83
29) Tetrahydrofuran	7.675	42	1022726	212.032	ug/l	91
30) Chloroform	7.810	83	663216	47.264	ug/l	98
31) Cyclohexane	8.093	56	637312	44.928	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	573654	47.993	ug/l	97
36) 1,1-Dichloropropene	8.216	75	505311	47.965	ug/l	96
37) Ethyl Acetate	7.404	43	608082	41.941	ug/l	98
38) Carbon Tetrachloride	8.199	117	489387	48.026	ug/l	99
39) Methylcyclohexane	9.457	83	629899	50.826	ug/l	96
40) Benzene	8.451	78	1511261	47.612	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031422\
 Data File : VN071257.D
 Acq On : 14 Mar 2022 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 15 02:49:12 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)
41) Methacrylonitrile	7.628	41	330995	46.649	ug/l #	85
42) 1,2-Dichloroethane	8.522	62	540056	48.894	ug/l	98
43) Isopropyl Acetate	8.551	43	976441	45.036	ug/l	97
44) Trichloroethene	9.210	130	368664	49.226	ug/l	94
45) 1,2-Dichloropropane	9.481	63	405034	47.536	ug/l	98
46) Dibromomethane	9.569	93	250783	47.820	ug/l	97
47) Bromodichloromethane	9.757	83	519920	49.057	ug/l	98
48) Methyl methacrylate	9.551	41	467743	46.553	ug/l #	84
49) 1,4-Dioxane	9.563	88	151248	866.014	ug/l	89
51) 4-Methyl-2-Pentanone	10.322	43	3016407	224.175	ug/l	100
52) Toluene	10.498	92	943045	48.249	ug/l	96
53) t-1,3-Dichloropropene	10.710	75	588451	50.368	ug/l	99
54) cis-1,3-Dichloropropene	10.181	75	641153	50.226	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	366484	46.793	ug/l	98
56) Ethyl methacrylate	10.751	69	619930	48.469	ug/l	91
57) 1,3-Dichloropropane	11.040	76	658938	46.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.034	63	984550	353.417	ug/l	95
59) 2-Hexanone	11.081	43	2240242	244.012	ug/l	99
60) Dibromochloromethane	11.234	129	392541	50.443	ug/l	100
61) 1,2-Dibromoethane	11.340	107	372631	46.552	ug/l	99
64) Tetrachloroethene	10.969	164	319623	47.950	ug/l	95
65) Chlorobenzene	11.763	112	985311	48.004	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.834	131	365591	48.576	ug/l	100
67) Ethyl Benzene	11.839	91	1824345	50.269	ug/l	98
68) m/p-Xylenes	11.945	106	1390214	104.713	ug/l	97
69) o-Xylene	12.275	106	685715	51.526	ug/l	98
70) Styrene	12.287	104	1115063	54.128	ug/l	97
71) Bromoform	12.451	173	290858	50.889	ug/l #	99
73) Isopropylbenzene	12.575	105	1779557	44.241	ug/l	100
74) N-amyl acetate	12.381	43	702134	46.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	560249	46.701	ug/l	98
76) 1,2,3-Trichloropropane	12.875	75	546763m	54.306	ug/l	
77) Bromobenzene	12.851	156	410827	43.799	ug/l	82
78) n-propylbenzene	12.916	91	2037860	47.212	ug/l	97
79) 2-Chlorotoluene	12.998	91	1235218	44.580	ug/l	94
80) 1,3,5-Trimethylbenzene	13.051	105	1460684	46.675	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	187262	48.512	ug/l	89
82) 4-Chlorotoluene	13.098	91	1193199	48.346	ug/l	94
83) tert-Butylbenzene	13.316	119	1256990	45.008	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	1434574	47.858	ug/l	100
85) sec-Butylbenzene	13.492	105	1792182	48.279	ug/l	99
86) p-Isopropyltoluene	13.610	119	1474484	50.507	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	717514	47.079	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	697400	46.813	ug/l	97
89) n-Butylbenzene	13.933	91	1180981	51.721	ug/l	96
90) Hexachloroethane	14.204	117	260011	44.787	ug/l	89
91) 1,2-Dichlorobenzene	13.981	146	688123	46.963	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	102002	43.583	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	323158	47.420	ug/l	98
94) Hexachlorobutadiene	15.363	225	198719	48.311	ug/l	98
95) Naphthalene	15.498	128	894028	47.068	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	310025	47.470	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031422\
Data File : VN071257.D
Acq On : 14 Mar 2022 10:24
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/15/2022
Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 15 02:49:12 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\VN031422\
Data File : VN071257.D
Acq On : 14 Mar 2022 10:24
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Mar 15 02:49:12 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 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

