

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072404.D
 Acq On : 10 May 2022 20:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 11 03:04:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	243575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	399887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	370995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	163315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	177911	47.688	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.380%		
35) Dibromofluoromethane	8.016	113	129353	48.621	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.240%		
50) Toluene-d8	10.439	98	506812	50.019	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.040%		
62) 4-Bromofluorobenzene	12.727	95	177428	52.728	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	139410	45.892	ug/l	97
3) Chloromethane	2.298	50	139210	48.935	ug/l	97
4) Vinyl Chloride	2.440	62	113120	43.733	ug/l	97
5) Bromomethane	2.828	94	69961	45.429	ug/l	99
6) Chloroethane	2.998	64	64213	47.309	ug/l	98
7) Trichlorofluoromethane	3.363	101	232264	48.448	ug/l	99
8) Diethyl Ether	3.828	74	83253	48.137	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	118792	45.411	ug/l	96
10) Methyl Iodide	4.422	142	164385	47.405	ug/l #	88
11) Tert butyl alcohol	5.369	59	143121	234.614	ug/l	98
12) 1,1-Dichloroethene	4.181	96	116450	47.510	ug/l	94
13) Acrolein	4.040	56	133576	223.803	ug/l	97
14) Allyl chloride	4.839	41	218707	47.924	ug/l	96
15) Acrylonitrile	5.545	53	403341	243.319	ug/l	100
16) Acetone	4.287	43	338778	229.291	ug/l	93
17) Carbon Disulfide	4.528	76	299506	47.116	ug/l	99
18) Methyl Acetate	4.851	43	206801	47.539	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	443822	50.105	ug/l	97
20) Methylene Chloride	5.092	84	135792	44.824	ug/l #	83
21) trans-1,2-Dichloroethene	5.598	96	122041	47.591	ug/l	95
22) Diisopropyl ether	6.492	45	437706	47.200	ug/l	96
23) Vinyl Acetate	6.428	43	1921796	247.675	ug/l	95
24) 1,1-Dichloroethane	6.386	63	245770	46.965	ug/l	99
25) 2-Butanone	7.328	43	541256	232.113	ug/l	97
26) 2,2-Dichloropropane	7.322	77	198461	45.130	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	144482	46.865	ug/l	94
28) Bromochloromethane	7.657	49	108681	48.913	ug/l	89
29) Tetrahydrofuran	7.680	42	366012	241.512	ug/l	91
30) Chloroform	7.816	83	255716	48.033	ug/l	96
31) Cyclohexane	8.092	56	224511	45.415	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	234695	48.064	ug/l	99
36) 1,1-Dichloropropene	8.216	75	186029	48.684	ug/l	97
37) Ethyl Acetate	7.404	43	220937	48.191	ug/l	97
38) Carbon Tetrachloride	8.204	117	204787	47.886	ug/l	98
39) Methylcyclohexane	9.457	83	219352	51.078	ug/l	97
40) Benzene	8.457	78	548739	48.072	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072404.D
 Acq On : 10 May 2022 20:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 11 03:04:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	118133	52.039	ug/l #	88
42) 1,2-Dichloroethane	8.527	62	215922	47.062	ug/l	97
43) Isopropyl Acetate	8.557	43	339427	48.201	ug/l	97
44) Trichloroethene	9.216	130	139536	48.153	ug/l	93
45) 1,2-Dichloropropane	9.486	63	142378	48.840	ug/l	97
46) Dibromomethane	9.574	93	96356	47.471	ug/l	96
47) Bromodichloromethane	9.757	83	203076	49.075	ug/l	99
48) Methyl methacrylate	9.557	41	170712	51.960	ug/l	92
49) 1,4-Dioxane	9.563	88	58322	1040.632	ug/l #	94
51) 4-Methyl-2-Pentanone	10.327	43	1110267	253.911	ug/l	94
52) Toluene	10.504	92	352047	50.016	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	216125	51.310	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	228124	50.762	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	143099	48.802	ug/l	98
56) Ethyl methacrylate	10.757	69	225663	53.698	ug/l	90
57) 1,3-Dichloropropane	11.039	76	249461	49.961	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	279886	246.621	ug/l	96
59) 2-Hexanone	11.080	43	794678	259.188	ug/l	94
60) Dibromochloromethane	11.233	129	155907	50.053	ug/l	99
61) 1,2-Dibromoethane	11.339	107	145488	49.787	ug/l	99
64) Tetrachloroethene	10.974	164	122645	45.927	ug/l	96
65) Chlorobenzene	11.768	112	363763	47.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	142758	47.055	ug/l	98
67) Ethyl Benzene	11.839	91	680098	52.004	ug/l	99
68) m/p-Xylenes	11.951	106	510154	102.853	ug/l	94
69) o-Xylene	12.274	106	251304	51.567	ug/l	95
70) Styrene	12.286	104	412128	55.278	ug/l	97
71) Bromoform	12.451	173	116194	51.920	ug/l #	98
73) Isopropylbenzene	12.574	105	665582	49.195	ug/l	99
74) N-amyl acetate	12.380	43	237800	49.726	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	210861	42.930	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	189834m	44.566	ug/l	
77) Bromobenzene	12.857	156	153495	47.421	ug/l	95
78) n-propylbenzene	12.915	91	744954	51.456	ug/l	98
79) 2-Chlorotoluene	13.004	91	463622	48.747	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	556601	50.232	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	63238	49.527	ug/l	96
82) 4-Chlorotoluene	13.098	91	438206	48.617	ug/l	97
83) tert-Butylbenzene	13.315	119	495303	51.060	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	547771	50.818	ug/l	97
85) sec-Butylbenzene	13.498	105	671387	51.897	ug/l	98
86) p-Isopropyltoluene	13.610	119	546416	54.223	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	267689	47.953	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	261024	47.002	ug/l	96
89) n-Butylbenzene	13.939	91	413408	53.668	ug/l	99
90) Hexachloroethane	14.204	117	95944	47.644	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	266638	47.824	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.598	75	43626	51.078	ug/l	90
93) 1,2,4-Trichlorobenzene	15.256	180	118324	56.025	ug/l	96
94) Hexachlorobutadiene	15.362	225	67942	48.587	ug/l	97
95) Naphthalene	15.504	128	385648	49.445	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	122021	57.652	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
Data File : VN072404.D
Acq On : 10 May 2022 20:15
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

Quant Time: May 11 03:04:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration

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

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

Manual Integrations APPROVED

Quant Time: May 11 03:04:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration

