

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072566.D
 Acq On : 19 May 2022 19:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/20/2022
 Supervised By : Mahesh Dadoda 05/20/2022

Quant Time: May 20 06:56:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	180006	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	275385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	263293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	122903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	145601	52.060	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.120%			
35) Dibromofluoromethane	8.016	113	99142	53.356	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.720%			
50) Toluene-d8	10.439	98	363209	51.641	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.280%			
62) 4-Bromofluorobenzene	12.727	95	136609	51.133	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	99167	48.124	ug/l	99
3) Chloromethane	2.299	50	88701	47.615	ug/l	96
4) Vinyl Chloride	2.440	62	83933	55.204	ug/l	95
5) Bromomethane	2.816	94	68533	48.023	ug/l	95
6) Chloroethane	2.993	64	57184	44.952	ug/l	99
7) Trichlorofluoromethane	3.363	101	191274	54.504	ug/l	97
8) Diethyl Ether	3.828	74	55418	53.177	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	86493	51.763	ug/l	94
10) Methyl Iodide	4.416	142	120435	56.427	ug/l	# 83
11) Tert butyl alcohol	5.369	59	91845	358.992	ug/l	100
12) 1,1-Dichloroethene	4.181	96	78128	53.188	ug/l	96
13) Acrolein	4.040	56	85508	240.870	ug/l	95
14) Allyl chloride	4.834	41	136224	54.522	ug/l	89
15) Acrylonitrile	5.551	53	258736	261.878	ug/l	98
16) Acetone	4.287	43	231175	272.684	ug/l	95
17) Carbon Disulfide	4.528	76	193290	50.812	ug/l	98
18) Methyl Acetate	4.845	43	117303	49.912	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	338829	55.856	ug/l	94
20) Methylene Chloride	5.092	84	94860	47.129	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	85404	51.881	ug/l	91
22) Diisopropyl ether	6.492	45	292454	53.157	ug/l	98
23) Vinyl Acetate	6.428	43	1301281	273.566	ug/l	96
24) 1,1-Dichloroethane	6.381	63	170230	50.875	ug/l	99
25) 2-Butanone	7.328	43	347651	260.802	ug/l	97
26) 2,2-Dichloropropane	7.322	77	152296	49.065	ug/l	94
27) cis-1,2-Dichloroethene	7.322	96	102819	50.719	ug/l	92
28) Bromochloromethane	7.651	49	65587	47.952	ug/l	99
29) Tetrahydrofuran	7.681	42	223410	276.947	ug/l	97
30) Chloroform	7.816	83	198705	51.890	ug/l	99
31) Cyclohexane	8.092	56	146891	47.252	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	195848	55.425	ug/l	97
36) 1,1-Dichloropropene	8.216	75	133208	52.660	ug/l	98
37) Ethyl Acetate	7.404	43	146482	52.695	ug/l	97
38) Carbon Tetrachloride	8.204	117	170418	54.430	ug/l	98
39) Methylcyclohexane	9.457	83	153853	52.114	ug/l	96
40) Benzene	8.457	78	378718	51.237	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072566.D
 Acq On : 19 May 2022 19:40
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/20/2022
 Supervised By : Mahesh Dadoda 05/20/2022

Quant Time: May 20 06:56:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	67922	50.934	ug/l	93
42) 1,2-Dichloroethane	8.528	62	179146	52.231	ug/l	93
43) Isopropyl Acetate	8.557	43	229633	51.370	ug/l	98
44) Trichloroethene	9.216	130	104162	51.835	ug/l	96
45) 1,2-Dichloropropane	9.486	63	93733	51.588	ug/l	97
46) Dibromomethane	9.569	93	73077	53.201	ug/l	96
47) Bromodichloromethane	9.757	83	161242	56.326	ug/l	99
48) Methyl methacrylate	9.557	41	108236	50.851	ug/l #	90
49) 1,4-Dioxane	9.569	88	26673	1439.463	ug/l #	91
51) 4-Methyl-2-Pentanone	10.327	43	732403	248.297	ug/l	95
52) Toluene	10.504	92	264604	55.211	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	159983	52.047	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	162392	53.511	ug/l #	90
55) 1,1,2-Trichloroethane	10.892	97	101262	48.619	ug/l	97
56) Ethyl methacrylate	10.757	69	159045	50.995	ug/l #	88
57) 1,3-Dichloropropane	11.039	76	177429	50.525	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	177771	233.465	ug/l	99
59) 2-Hexanone	11.080	43	529065	258.051	ug/l	91
60) Dibromochloromethane	11.233	129	126876	53.314	ug/l	98
61) 1,2-Dibromoethane	11.339	107	107431	49.738	ug/l	97
64) Tetrachloroethene	10.974	164	100137	54.806	ug/l	96
65) Chlorobenzene	11.768	112	276754	51.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	114792	52.987	ug/l	96
67) Ethyl Benzene	11.839	91	510334	54.646	ug/l	98
68) m/p-Xylenes	11.951	106	391147	108.793	ug/l	91
69) o-Xylene	12.274	106	191604	52.314	ug/l	90
70) Styrene	12.292	104	312288	55.380	ug/l	95
71) Bromoform	12.457	173	93881	56.311	ug/l #	100
73) Isopropylbenzene	12.574	105	521839	51.356	ug/l	97
74) N-amyl acetate	12.386	43	159505	47.126	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	148479	48.236	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	144651m	38.961	ug/l	
77) Bromobenzene	12.857	156	122995	47.254	ug/l	99
78) n-propylbenzene	12.915	91	568160	51.125	ug/l	98
79) 2-Chlorotoluene	13.004	91	358280	48.125	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	448002	50.838	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	43524	48.871	ug/l	85
82) 4-Chlorotoluene	13.098	91	348245	50.216	ug/l	97
83) tert-Butylbenzene	13.315	119	397191	53.068	ug/l	94
84) 1,2,4-Trimethylbenzene	13.362	105	448986	53.116	ug/l	95
85) sec-Butylbenzene	13.498	105	518959	53.391	ug/l	100
86) p-Isopropyltoluene	13.610	119	439185	54.943	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	211563	49.624	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	206340	49.759	ug/l	99
89) n-Butylbenzene	13.939	91	315325	52.112	ug/l	98
90) Hexachloroethane	14.204	117	73254	51.222	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	209184	48.922	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	34783	53.410	ug/l	83
93) 1,2,4-Trichlorobenzene	15.256	180	93285	49.928	ug/l	98
94) Hexachlorobutadiene	15.368	225	55744	47.505	ug/l	98
95) Naphthalene	15.504	128	281701	52.030	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	95742	49.681	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
Data File : VN072566.D
Acq On : 19 May 2022 19:40
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

Quant Time: May 20 06:56:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
Response via : Initial Calibration

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

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

