

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
 Data File : VN072333.D
 Acq On : 04 May 2022 17:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: May 05 02:21:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						05/05/2022
1) Pentafluorobenzene	8.080	168	220790	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	368518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	334873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	143097	50.000	ug/l	0.00
System Monitoring Compounds						05/05/2022
33) 1,2-Dichloroethane-d4	8.433	65	170011	50.156	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.320%	
35) Dibromofluoromethane	8.016	113	125739	53.308	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.620%	
50) Toluene-d8	10.439	98	484419	52.266	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.540%	
62) 4-Bromofluorobenzene	12.727	95	171795	55.844	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 111.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	115137	46.514	ug/l	98
3) Chloromethane	2.298	50	122835	44.139	ug/l	99
4) Vinyl Chloride	2.446	62	105247	42.345	ug/l	100
5) Bromomethane	2.834	94	64581	54.481	ug/l	99
6) Chloroethane	3.010	64	69691	49.592	ug/l	93
7) Trichlorofluoromethane	3.369	101	190342	43.835	ug/l	98
8) Diethyl Ether	3.828	74	75328	47.908	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.210	101	110899	48.621	ug/l	96
10) Methyl Iodide	4.422	142	134011	48.403	ug/l	91
11) Tert butyl alcohol	5.363	59	118287	212.352	ug/l	99
12) 1,1-Dichloroethene	4.187	96	97004	46.001	ug/l	93
13) Acrolein	4.040	56	107298	191.407	ug/l	98
14) Allyl chloride	4.845	41	210927	48.175	ug/l	95
15) Acrylonitrile	5.545	53	395537	235.308	ug/l	99
16) Acetone	4.287	43	323287	221.217	ug/l	95
17) Carbon Disulfide	4.528	76	212902	42.963	ug/l	99
18) Methyl Acetate	4.851	43	199620	48.860	ug/l	# 89
19) Methyl tert-butyl Ether	5.610	73	423056	51.181	ug/l	99
20) Methylene Chloride	5.098	84	127809	45.625	ug/l	93
21) trans-1,2-Dichloroethene	5.598	96	106326	45.726	ug/l	96
22) Diisopropyl ether	6.492	45	470952	52.221	ug/l	97
23) Vinyl Acetate	6.428	43	2005707	264.809	ug/l	# 92
24) 1,1-Dichloroethane	6.386	63	244051	48.379	ug/l	99
25) 2-Butanone	7.328	43	550399	236.488	ug/l	90
26) 2,2-Dichloropropane	7.328	77	200628	50.914	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	138153	48.735	ug/l	90
28) Bromochloromethane	7.651	49	120080	53.160	ug/l	# 79
29) Tetrahydrofuran	7.680	42	366881	240.201	ug/l	# 85
30) Chloroform	7.816	83	248802	49.122	ug/l	99
31) Cyclohexane	8.092	56	197440	43.594	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	216420	50.210	ug/l	99
36) 1,1-Dichloropropene	8.216	75	169120	49.259	ug/l	97
37) Ethyl Acetate	7.410	43	231013	50.667	ug/l	# 94
38) Carbon Tetrachloride	8.204	117	176952	48.122	ug/l	98
39) Methylcyclohexane	9.457	83	190521	49.616	ug/l	96
40) Benzene	8.457	78	522202	49.036	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.633	41	124805	54.108	ug/l	#	80
42) 1,2-Dichloroethane	8.527	62	204540	50.169	ug/l		97
43) Isopropyl Acetate	8.557	43	358038	50.013	ug/l		94
44) Trichloroethene	9.216	130	123129	49.704	ug/l		93
45) 1,2-Dichloropropane	9.486	63	144697	50.284	ug/l		98
46) Dibromomethane	9.574	93	93837	52.055	ug/l		91
47) Bromodichloromethane	9.757	83	197787	52.291	ug/l		99
48) Methyl methacrylate	9.557	41	172819	57.381	ug/l		89
49) 1,4-Dioxane	9.569	88	49029	926.731	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.327	43	1160762	269.820	ug/l		92
52) Toluene	10.504	92	330834	51.966	ug/l		98
53) t-1,3-Dichloropropene	10.716	75	212721	55.947	ug/l		99
54) cis-1,3-Dichloropropene	10.186	75	225757	54.902	ug/l		94
55) 1,1,2-Trichloroethane	10.892	97	137631	51.559	ug/l		95
56) Ethyl methacrylate	10.757	69	222467	47.702	ug/l	#	84
57) 1,3-Dichloropropane	11.039	76	243121	51.902	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.039	63	315375	250.695	ug/l		92
59) 2-Hexanone	11.080	43	815060	268.909	ug/l		91
60) Dibromochloromethane	11.233	129	147374	53.991	ug/l		99
61) 1,2-Dibromoethane	11.345	107	134344	51.174	ug/l		98
64) Tetrachloroethene	10.974	164	106334	52.752	ug/l		94
65) Chlorobenzene	11.768	112	352558	52.106	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.833	131	135172	53.018	ug/l		98
67) Ethyl Benzene	11.839	91	649127	55.012	ug/l		98
68) m/p-Xylenes	11.951	106	483741	110.399	ug/l		94
69) o-Xylene	12.274	106	240498	56.616	ug/l		96
70) Styrene	12.292	104	388911	58.124	ug/l		98
71) Bromoform	12.451	173	103808	54.746	ug/l	#	99
73) Isopropylbenzene	12.574	105	625991	49.531	ug/l		99
74) N-amyl acetate	12.380	43	244249	51.585	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.821	83	212363	50.392	ug/l		99
76) 1,2,3-Trichloropropane	12.874	75	186812m	55.219	ug/l		
77) Bromobenzene	12.857	156	141007	47.179	ug/l		89
78) n-propylbenzene	12.915	91	715416	51.384	ug/l		97
79) 2-Chlorotoluene	13.004	91	430315	47.054	ug/l		96
80) 1,3,5-Trimethylbenzene	13.057	105	508684	48.329	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.621	75	60206	48.648	ug/l		93
82) 4-Chlorotoluene	13.098	91	411568	48.346	ug/l		96
83) tert-Butylbenzene	13.321	119	447320	48.404	ug/l		96
84) 1,2,4-Trimethylbenzene	13.362	105	501299	49.226	ug/l		97
85) sec-Butylbenzene	13.498	105	626601	52.008	ug/l		97
86) p-Isopropyltoluene	13.610	119	501693	53.411	ug/l		98
87) 1,3-Dichlorobenzene	13.610	146	247249	51.113	ug/l		98
88) 1,4-Dichlorobenzene	13.692	146	238229	50.642	ug/l		97
89) n-Butylbenzene	13.939	91	392656	54.576	ug/l		97
90) Hexachloroethane	14.209	117	91607	44.927	ug/l		83
91) 1,2-Dichlorobenzene	13.986	146	243353	51.042	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	39140	44.778	ug/l		81
93) 1,2,4-Trichlorobenzene	15.262	180	98517	44.955	ug/l		97
94) Hexachlorobutadiene	15.362	225	56264	44.039	ug/l		97
95) Naphthalene	15.498	128	311895	42.762	ug/l		99
96) 1,2,3-Trichlorobenzene	15.692	180	105182	47.997	ug/l		99

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

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