

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072479.D
 Acq On : 13 May 2022 16:01
 Operator : JC\MD
 Sample : VN0513WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBS01

Quant Time: May 14 02:35:34 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	175400	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	277528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	262711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	109558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	147380	54.859	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.720%			
35) Dibromofluoromethane	8.016	113	101187	54.803	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.600%			
50) Toluene-d8	10.439	98	368413	52.391	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.780%			
62) 4-Bromofluorobenzene	12.727	95	127784	54.717	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	43517	19.893	ug/l	99
3) Chloromethane	2.299	50	39054	18.241	ug/l	98
4) Vinyl Chloride	2.440	62	31094	16.694	ug/l	100
5) Bromomethane	2.822	94	24123	21.753	ug/l	94
6) Chloroethane	2.993	64	21086	20.759	ug/l	94
7) Trichlorofluoromethane	3.363	101	74789	21.664	ug/l	98
8) Diethyl Ether	3.822	74	23664	19.001	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.210	101	37304	19.803	ug/l	97
10) Methyl Iodide	4.416	142	46736	18.716	ug/l	# 84
11) Tert butyl alcohol	5.369	59	47912	109.068	ug/l	99
12) 1,1-Dichloroethene	4.181	96	31648	17.930	ug/l	83
13) Acrolein	4.040	56	28482	66.269	ug/l	98
14) Allyl chloride	4.840	41	58033	17.659	ug/l	93
15) Acrylonitrile	5.557	53	112743	94.449	ug/l	98
16) Acetone	4.287	43	103767	97.529	ug/l	# 87
17) Carbon Disulfide	4.528	76	77228	16.871	ug/l	97
18) Methyl Acetate	4.857	43	61061	19.492	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	134639	21.108	ug/l	94
20) Methylene Chloride	5.098	84	42533	19.497	ug/l	90
21) trans-1,2-Dichloroethene	5.593	96	35897	19.439	ug/l	86
22) Diisopropyl ether	6.492	45	125411	18.780	ug/l	96
23) Vinyl Acetate	6.428	43	532712	95.339	ug/l	95
24) 1,1-Dichloroethane	6.387	63	72280	19.181	ug/l	97
25) 2-Butanone	7.334	43	157261	93.653	ug/l	95
26) 2,2-Dichloropropane	7.322	77	66374	20.960	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	43021	19.378	ug/l	93
28) Bromochloromethane	7.657	49	29647	18.529	ug/l	93
29) Tetrahydrofuran	7.687	42	100963	92.514	ug/l	94
30) Chloroform	7.816	83	80987	21.125	ug/l	99
31) Cyclohexane	8.092	56	61474	17.269	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	77779	22.120	ug/l	98
36) 1,1-Dichloropropene	8.216	75	55009	20.743	ug/l	97
37) Ethyl Acetate	7.410	43	64099	20.146	ug/l	97
38) Carbon Tetrachloride	8.198	117	66437	22.384	ug/l	95
39) Methylcyclohexane	9.457	83	60191	20.195	ug/l	93
40) Benzene	8.457	78	157301	19.856	ug/l	99

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41) Methacrylonitrile	7.634	41	32694	20.752	ug/l	89
42) 1,2-Dichloroethane	8.522	62	73554	23.100	ug/l	96
43) Isopropyl Acetate	8.557	43	100587	20.582	ug/l	96
44) Trichloroethene	9.216	130	40868	20.321	ug/l	98
45) 1,2-Dichloropropane	9.486	63	40733	20.133	ug/l	95
46) Dibromomethane	9.575	93	30187	21.429	ug/l	94
47) Bromodichloromethane	9.757	83	62561	21.784	ug/l	99
48) Methyl methacrylate	9.557	41	48409	21.230	ug/l	90
49) 1,4-Dioxane	9.569	88	17793	457.451	ug/l #	92
51) 4-Methyl-2-Pentanone	10.328	43	315882	104.090	ug/l	94
52) Toluene	10.498	92	103173	21.121	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	62851	21.500	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	64122	20.559	ug/l #	88
55) 1,1,2-Trichloroethane	10.898	97	42397	20.834	ug/l	98
56) Ethyl methacrylate	10.757	69	61218	20.990	ug/l #	83
57) 1,3-Dichloropropane	11.039	76	71893	20.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	83096	115.424	ug/l	99
59) 2-Hexanone	11.080	43	227477	106.903	ug/l	92
60) Dibromochloromethane	11.233	129	47436	21.943	ug/l	100
61) 1,2-Dibromoethane	11.339	107	43446	21.422	ug/l	99
64) Tetrachloroethene	10.975	164	38051	20.122	ug/l #	88
65) Chlorobenzene	11.769	112	109423	20.387	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.839	131	44919	20.909	ug/l	97
67) Ethyl Benzene	11.839	91	196520	21.221	ug/l	97
68) m/p-Xylenes	11.945	106	147241	41.921	ug/l	91
69) o-Xylene	12.280	106	73385	21.265	ug/l	94
70) Styrene	12.292	104	114864	21.757	ug/l	94
71) Bromoform	12.457	173	33713	21.274	ug/l #	98
73) Isopropylbenzene	12.574	105	198203	21.838	ug/l	97
74) N-amyl acetate	12.386	43	62382	19.445	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	61873	18.778	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	58180m	20.360	ug/l	
77) Bromobenzene	12.857	156	46120	21.239	ug/l	95
78) n-propylbenzene	12.916	91	208369	21.455	ug/l	97
79) 2-Chlorotoluene	13.004	91	135424	21.226	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	165503	22.265	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.627	75	15783	18.426	ug/l #	82
82) 4-Chlorotoluene	13.104	91	128702	21.285	ug/l	96
83) tert-Butylbenzene	13.321	119	143488	22.050	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	164105	22.695	ug/l	95
85) sec-Butylbenzene	13.498	105	188682	21.741	ug/l	99
86) p-Isopropyltoluene	13.610	119	153746	22.743	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	77993	20.827	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	74641	20.035	ug/l	96
89) n-Butylbenzene	13.939	91	106084	20.529	ug/l	99
90) Hexachloroethane	14.204	117	27380	20.268	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	77387	20.691	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.592	75	12413	21.664	ug/l	89
93) 1,2,4-Trichlorobenzene	15.257	180	29321	20.695	ug/l	96
94) Hexachlorobutadiene	15.363	225	19875	21.187	ug/l	96
95) Naphthalene	15.504	128	85233	18.420	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	31624	22.273	ug/l	96

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

