

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072552.D
 Acq On : 19 May 2022 13:52
 Operator : JC\MD
 Sample : VN0519WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01

Quant Time: May 20 06:51:23 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	179103	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	263115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	247576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	109975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	138866	49.902	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.800%		
35) Dibromofluoromethane	8.016	113	91870	51.748	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.500%		
50) Toluene-d8	10.439	98	334818	49.824	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.640%		
62) 4-Bromofluorobenzene	12.727	95	120534	47.220	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	39587	19.308	ug/l	98
3) Chloromethane	2.299	50	33706	18.185	ug/l	95
4) Vinyl Chloride	2.446	62	30448	20.127	ug/l	97
5) Bromomethane	2.822	94	26157	18.421	ug/l	97
6) Chloroethane	2.999	64	23698	18.170	ug/l	100
7) Trichlorofluoromethane	3.363	101	70255	20.120	ug/l	99
8) Diethyl Ether	3.822	74	20005	19.293	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.204	101	34403	20.693	ug/l	97
10) Methyl Iodide	4.416	142	43816	20.632	ug/l	# 83
11) Tert butyl alcohol	5.369	59	30282	118.959	ug/l	100
12) 1,1-Dichloroethene	4.181	96	29968	20.504	ug/l	96
13) Acrolein	4.040	56	31474	89.107	ug/l	97
14) Allyl chloride	4.840	41	50665	20.380	ug/l	90
15) Acrylonitrile	5.551	53	93928	95.548	ug/l	97
16) Acetone	4.287	43	83114	98.532	ug/l	90
17) Carbon Disulfide	4.528	76	76560	20.228	ug/l	98
18) Methyl Acetate	4.857	43	42945	18.541	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	125991	20.874	ug/l	94
20) Methylene Chloride	5.093	84	37843	18.896	ug/l	97
21) trans-1,2-Dichloroethene	5.587	96	31262	19.087	ug/l	96
22) Diisopropyl ether	6.487	45	111811	20.426	ug/l	# 89
23) Vinyl Acetate	6.428	43	479471	101.307	ug/l	97
24) 1,1-Dichloroethane	6.381	63	67464	20.264	ug/l	97
25) 2-Butanone	7.328	43	123027	92.758	ug/l	95
26) 2,2-Dichloropropane	7.328	77	63128	20.440	ug/l	94
27) cis-1,2-Dichloroethene	7.322	96	39412	19.539	ug/l	93
28) Bromochloromethane	7.651	49	27516	20.219	ug/l	94
29) Tetrahydrofuran	7.675	42	79188	98.659	ug/l	96
30) Chloroform	7.810	83	74652	19.593	ug/l	99
31) Cyclohexane	8.086	56	58123	18.791	ug/l	85
32) 1,1,1-Trichloroethane	8.010	97	72674	20.670	ug/l	98
36) 1,1-Dichloropropene	8.222	75	50682	20.970	ug/l	96
37) Ethyl Acetate	7.404	43	49029	18.460	ug/l	98
38) Carbon Tetrachloride	8.204	117	66067	22.085	ug/l	96
39) Methylcyclohexane	9.457	83	55463	19.663	ug/l	90
40) Benzene	8.457	78	141830	20.083	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.639	41	24073	18.894	ug/l	92
42) 1,2-Dichloroethane	8.522	62	68053	20.767	ug/l	96
43) Isopropyl Acetate	8.557	43	83639	19.583	ug/l	98
44) Trichloroethene	9.216	130	39225	20.430	ug/l	96
45) 1,2-Dichloropropane	9.480	63	36676	21.127	ug/l	99
46) Dibromomethane	9.575	93	28342	21.596	ug/l	94
47) Bromodichloromethane	9.757	83	60665	22.180	ug/l	98
48) Methyl methacrylate	9.557	41	38005	18.688	ug/l #	87
49) 1,4-Dioxane	9.569	88	9728	549.474	ug/l #	94
51) 4-Methyl-2-Pentanone	10.327	43	256535	91.025	ug/l	94
52) Toluene	10.504	92	95389	20.832	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	59596	20.292	ug/l	94
54) cis-1,3-Dichloropropene	10.186	75	61598	21.244	ug/l #	87
55) 1,1,2-Trichloroethane	10.892	97	37828	19.009	ug/l	92
56) Ethyl methacrylate	10.757	69	56578	18.987	ug/l #	86
57) 1,3-Dichloropropane	11.039	76	68075	20.289	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.039	63	61377	84.365	ug/l	100
59) 2-Hexanone	11.080	43	176653	90.180	ug/l	92
60) Dibromochloromethane	11.233	129	45710	20.103	ug/l	99
61) 1,2-Dibromoethane	11.345	107	40939	19.838	ug/l	99
64) Tetrachloroethene	10.974	164	37631	21.903	ug/l	96
65) Chlorobenzene	11.763	112	101158	19.940	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	43057	21.137	ug/l	95
67) Ethyl Benzene	11.839	91	183196	20.862	ug/l	95
68) m/p-Xylenes	11.945	106	142504	42.152	ug/l	91
69) o-Xylene	12.274	106	69345	20.135	ug/l	93
70) Styrene	12.292	104	111012	20.936	ug/l	96
71) Bromoform	12.451	173	33239	21.203	ug/l #	95
73) Isopropylbenzene	12.574	105	185364	20.387	ug/l	97
74) N-amyl acetate	12.386	43	53116	17.538	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	53664	19.483	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	57403m	17.279	ug/l	
77) Bromobenzene	12.857	156	44663	19.176	ug/l	98
78) n-propylbenzene	12.916	91	197831	19.894	ug/l	98
79) 2-Chlorotoluene	13.004	91	127185	19.092	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	161510	20.482	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	15027	18.857	ug/l	86
82) 4-Chlorotoluene	13.104	91	123582	19.915	ug/l	96
83) tert-Butylbenzene	13.321	119	138644	20.701	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	155843	20.604	ug/l	94
85) sec-Butylbenzene	13.498	105	175112	20.133	ug/l	100
86) p-Isopropyltoluene	13.610	119	150520	21.044	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	75527	19.798	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	73838	19.899	ug/l	96
89) n-Butylbenzene	13.939	91	103660	19.145	ug/l	96
90) Hexachloroethane	14.204	117	26178	20.457	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	74778	19.544	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	11275	19.348	ug/l	82
93) 1,2,4-Trichlorobenzene	15.257	180	29326	17.541	ug/l	97
94) Hexachlorobutadiene	15.362	225	20638	19.655	ug/l	96
95) Naphthalene	15.504	128	73849	15.243	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	28903	16.761	ug/l	97

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

