

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072409.D
 Acq On : 11 May 2022 12:03
 Operator : JC\MD
 Sample : VN0511WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBS01

Quant Time: May 12 02:10:25 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 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	203436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	316537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	294730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	127994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	167964	53.904	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.800%			
35) Dibromofluoromethane	8.022	113	118044	56.054	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.100%			
50) Toluene-d8	10.439	98	450249	56.138	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.280%			
62) 4-Bromofluorobenzene	12.727	95	150275	56.418	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	51781	20.409	ug/l	96
3) Chloromethane	2.298	50	47092	19.018	ug/l	98
4) Vinyl Chloride	2.446	62	40621	18.803	ug/l	93
5) Bromomethane	2.840	94	25754	20.023	ug/l	97
6) Chloroethane	3.010	64	24564	20.857	ug/l	97
7) Trichlorofluoromethane	3.375	101	82722	20.660	ug/l	95
8) Diethyl Ether	3.828	74	27689	19.169	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.204	101	44467	20.353	ug/l	98
10) Methyl Iodide	4.428	142	52935	18.277	ug/l #	85
11) Tert butyl alcohol	5.369	59	45413	89.132	ug/l	98
12) 1,1-Dichloroethene	4.187	96	38482	18.798	ug/l	96
13) Acrolein	4.040	56	35346	70.906	ug/l	97
14) Allyl chloride	4.839	41	70262	18.434	ug/l	94
15) Acrylonitrile	5.557	53	125645	90.752	ug/l	99
16) Acetone	4.287	43	112664	91.298	ug/l	96
17) Carbon Disulfide	4.528	76	98003	18.459	ug/l	97
18) Methyl Acetate	4.857	43	66296	18.247	ug/l	93
19) Methyl tert-butyl Ether	5.604	73	149219	20.170	ug/l	98
20) Methylene Chloride	5.098	84	46041	18.196	ug/l	90
21) trans-1,2-Dichloroethene	5.598	96	41089	19.184	ug/l	95
22) Diisopropyl ether	6.492	45	150875	19.480	ug/l	96
23) Vinyl Acetate	6.428	43	623007	96.133	ug/l	96
24) 1,1-Dichloroethane	6.381	63	84076	19.237	ug/l	97
25) 2-Butanone	7.328	43	171166	87.886	ug/l	95
26) 2,2-Dichloropropane	7.322	77	76037	20.702	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	48088	18.676	ug/l	90
28) Bromochloromethane	7.657	49	36986	19.930	ug/l	90
29) Tetrahydrofuran	7.680	42	115716	91.420	ug/l	91
30) Chloroform	7.810	83	88477	19.898	ug/l	90
31) Cyclohexane	8.092	56	78757	19.075	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	84690	20.766	ug/l	99
36) 1,1-Dichloropropene	8.216	75	63642	21.041	ug/l	98
37) Ethyl Acetate	7.410	43	64121	17.669	ug/l	99
38) Carbon Tetrachloride	8.204	117	73050	21.579	ug/l	95
39) Methylcyclohexane	9.457	83	74675	21.967	ug/l	98
40) Benzene	8.457	78	192739	21.331	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	33128	18.436	ug/l	94
42) 1,2-Dichloroethane	8.527	62	77242	21.269	ug/l	96
43) Isopropyl Acetate	8.557	43	113175	20.304	ug/l	95
44) Trichloroethene	9.210	130	48411	21.105	ug/l	95
45) 1,2-Dichloropropane	9.486	63	49759	21.564	ug/l	97
46) Dibromomethane	9.574	93	34295	21.345	ug/l	95
47) Bromodichloromethane	9.757	83	71909	21.953	ug/l	94
48) Methyl methacrylate	9.551	41	53938	20.740	ug/l	90
49) 1,4-Dioxane	9.563	88	18210	410.476	ug/l #	95
51) 4-Methyl-2-Pentanone	10.327	43	351964	101.687	ug/l	95
52) Toluene	10.498	92	117936	21.168	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	71596	21.473	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	76838	21.600	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	47620	20.517	ug/l	97
56) Ethyl methacrylate	10.757	69	71887	21.610	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	83908	21.230	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.033	63	74551	94.494	ug/l	98
59) 2-Hexanone	11.080	43	243047	100.144	ug/l	92
60) Dibromochloromethane	11.233	129	54561	22.129	ug/l	99
61) 1,2-Dibromoethane	11.339	107	49183	21.262	ug/l	99
64) Tetrachloroethene	10.974	164	45073	21.246	ug/l	93
65) Chlorobenzene	11.763	112	124158	20.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	49365	20.482	ug/l	98
67) Ethyl Benzene	11.839	91	224719	21.630	ug/l	98
68) m/p-Xylenes	11.945	106	172202	43.702	ug/l	94
69) o-Xylene	12.274	106	82558	21.324	ug/l	93
70) Styrene	12.292	104	131079	22.131	ug/l	98
71) Bromoform	12.451	173	37622	21.161	ug/l #	99
73) Isopropylbenzene	12.574	105	220378	20.784	ug/l	98
74) N-amyl acetate	12.380	43	68274	18.216	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	68739	17.857	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	61881m	18.536	ug/l	
77) Bromobenzene	12.857	156	50760	20.009	ug/l	95
78) n-propylbenzene	12.915	91	239909	21.144	ug/l	98
79) 2-Chlorotoluene	13.004	91	151991	20.391	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	185348	21.343	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	18317	18.304	ug/l	90
82) 4-Chlorotoluene	13.098	91	144170	20.409	ug/l	96
83) tert-Butylbenzene	13.315	119	159155	20.935	ug/l	96
84) 1,2,4-Trimethylbenzene	13.362	105	180914	21.416	ug/l	97
85) sec-Butylbenzene	13.498	105	216431	21.346	ug/l	98
86) p-Isopropyltoluene	13.610	119	173021	21.908	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	87424	19.982	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	86722	19.925	ug/l	96
89) n-Butylbenzene	13.939	91	122840	20.348	ug/l	97
90) Hexachloroethane	14.204	117	31233	19.790	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	88723	20.305	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	12363	18.469	ug/l	91
93) 1,2,4-Trichlorobenzene	15.262	180	32838	19.839	ug/l	96
94) Hexachlorobutadiene	15.362	225	23481	21.426	ug/l	96
95) Naphthalene	15.503	128	83019	15.885	ug/l	97
96) 1,2,3-Trichlorobenzene	15.698	180	33019	19.906	ug/l	98

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

