

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072398.D
 Acq On : 10 May 2022 17:50
 Operator : JC\MD
 Sample : VN0510WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 11 03:02:25 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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	229392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	374044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	340986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	137931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	183625	52.262	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.520%			
35) Dibromofluoromethane	8.016	113	130334	52.375	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.740%			
50) Toluene-d8	10.433	98	503785	53.156	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.320%			
62) 4-Bromofluorobenzene	12.727	95	170923	54.304	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	53289	18.627	ug/l	94
3) Chloromethane	2.299	50	53799	19.286	ug/l	98
4) Vinyl Chloride	2.440	62	46652	19.151	ug/l	93
5) Bromomethane	2.828	94	28580	19.706	ug/l	91
6) Chloroethane	3.004	64	25595	19.160	ug/l	97
7) Trichlorofluoromethane	3.363	101	86053	19.060	ug/l	90
8) Diethyl Ether	3.822	74	32545	19.981	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.204	101	47929	19.455	ug/l	98
10) Methyl Iodide	4.422	142	60841	18.630	ug/l #	88
11) Tert butyl alcohol	5.369	59	56193	97.811	ug/l #	72
12) 1,1-Dichloroethene	4.181	96	43620	18.897	ug/l	95
13) Acrolein	4.040	56	54953	97.765	ug/l	95
14) Allyl chloride	4.834	41	84321	19.619	ug/l	97
15) Acrylonitrile	5.545	53	156800	100.440	ug/l	98
16) Acetone	4.281	43	133709	96.092	ug/l	94
17) Carbon Disulfide	4.528	76	113407	18.943	ug/l	99
18) Methyl Acetate	4.846	43	83961	20.494	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	172456	20.673	ug/l	97
20) Methylene Chloride	5.093	84	55288	19.379	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	46097	19.087	ug/l	98
22) Diisopropyl ether	6.492	45	177813	20.360	ug/l	96
23) Vinyl Acetate	6.428	43	752840	103.023	ug/l	94
24) 1,1-Dichloroethane	6.387	63	95941	19.467	ug/l	99
25) 2-Butanone	7.328	43	219223	99.824	ug/l	93
26) 2,2-Dichloropropane	7.322	77	78312	18.909	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	56345	19.406	ug/l	90
28) Bromochloromethane	7.651	49	42345	20.236	ug/l	90
29) Tetrahydrofuran	7.681	42	147627	103.434	ug/l	89
30) Chloroform	7.810	83	98140	19.574	ug/l	99
31) Cyclohexane	8.086	56	88303	18.967	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	88407	19.224	ug/l	99
36) 1,1-Dichloropropene	8.216	75	70194	19.639	ug/l	97
37) Ethyl Acetate	7.410	43	85935	20.039	ug/l	96
38) Carbon Tetrachloride	8.204	117	77051	19.262	ug/l	98
39) Methylcyclohexane	9.451	83	81312	20.242	ug/l	99
40) Benzene	8.457	78	213400	19.986	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	46192	21.754	ug/l	86
42) 1,2-Dichloroethane	8.528	62	87013	20.276	ug/l	97
43) Isopropyl Acetate	8.557	43	136580	20.735	ug/l	96
44) Trichloroethene	9.210	130	52943	19.533	ug/l	93
45) 1,2-Dichloropropane	9.486	63	57108	20.943	ug/l	97
46) Dibromomethane	9.580	93	39149	20.620	ug/l	93
47) Bromodichloromethane	9.757	83	79349	20.500	ug/l	95
48) Methyl methacrylate	9.557	41	66486	21.635	ug/l	91
49) 1,4-Dioxane	9.563	88	23315	444.749	ug/l #	92
51) 4-Methyl-2-Pentanone	10.328	43	434080	106.130	ug/l	94
52) Toluene	10.504	92	136823	20.782	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	83109	21.094	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	87375	20.786	ug/l #	88
55) 1,1,2-Trichloroethane	10.892	97	56545	20.616	ug/l	97
56) Ethyl methacrylate	10.757	69	85499	21.751	ug/l	91
57) 1,3-Dichloropropane	11.039	76	97806	20.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	89656	95.861	ug/l	93
59) 2-Hexanone	11.080	43	306980	107.040	ug/l	92
60) Dibromochloromethane	11.233	129	59531	20.433	ug/l	100
61) 1,2-Dibromoethane	11.345	107	57549	21.054	ug/l	100
64) Tetrachloroethene	10.975	164	47814	19.481	ug/l	96
65) Chlorobenzene	11.769	112	144756	20.778	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.839	131	56219	20.162	ug/l	95
67) Ethyl Benzene	11.839	91	250912	20.875	ug/l	99
68) m/p-Xylenes	11.951	106	193029	42.342	ug/l	96
69) o-Xylene	12.274	106	96033	21.440	ug/l	94
70) Styrene	12.292	104	151133	22.055	ug/l	98
71) Bromoform	12.457	173	42664	20.742	ug/l #	99
73) Isopropylbenzene	12.574	105	244795	21.424	ug/l	100
74) N-amyl acetate	12.386	43	84522	20.927	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	81419	19.627	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	64520m	17.935	ug/l	
77) Bromobenzene	12.857	156	58822	21.517	ug/l	95
78) n-propylbenzene	12.916	91	269723	22.059	ug/l	97
79) 2-Chlorotoluene	13.004	91	171649	21.369	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	205316	21.939	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	22434	20.803	ug/l	94
82) 4-Chlorotoluene	13.104	91	159739	20.984	ug/l	96
83) tert-Butylbenzene	13.321	119	177989	21.725	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	201119	22.092	ug/l	96
85) sec-Butylbenzene	13.498	105	235736	21.575	ug/l	99
86) p-Isopropyltoluene	13.610	119	193583	22.745	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	99850	21.178	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	96807	20.640	ug/l	98
89) n-Butylbenzene	13.939	91	137273	21.100	ug/l	98
90) Hexachloroethane	14.204	117	34612	20.351	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	98617	20.943	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	15499	21.486	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	39383	22.079	ug/l	98
94) Hexachlorobutadiene	15.368	225	25230	21.363	ug/l	98
95) Naphthalene	15.504	128	113615	19.316	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	41179	23.037	ug/l	99

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

