

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030422\
 Data File : VN071168.D
 Acq On : 04 Mar 2022 14:53
 Operator : JC\MD
 Sample : VN0304WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 22:16:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	612951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	973009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	872392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	356787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	375281	53.597	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.200%			
35) Dibromofluoromethane	8.016	113	291898	50.436	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.880%			
50) Toluene-d8	10.433	98	1142902	49.174	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.340%			
62) 4-Bromofluorobenzene	12.727	95	379696	45.704	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	108355	17.020	ug/l	98
3) Chloromethane	2.299	50	143835	17.975	ug/l	98
4) Vinyl Chloride	2.446	62	138761	17.322	ug/l	97
5) Bromomethane	2.857	94	82441	18.117	ug/l	98
6) Chloroethane	3.022	64	90189	17.162	ug/l	98
7) Trichlorofluoromethane	3.381	101	191359	19.062	ug/l	96
8) Diethyl Ether	3.828	74	83794	19.201	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.216	101	116469	18.910	ug/l	97
10) Methyl Iodide	4.428	142	149586	17.536	ug/l	98
11) Tert butyl alcohol	5.351	59	118035	92.501	ug/l	98
12) 1,1-Dichloroethene	4.187	96	107221	17.868	ug/l	95
13) Acrolein	4.040	56	77985	68.393	ug/l	99
14) Allyl chloride	4.845	41	226193	19.764	ug/l	86
15) Acrylonitrile	5.551	53	397153	105.664	ug/l	99
16) Acetone	4.281	43	422720	109.624	ug/l	95
17) Carbon Disulfide	4.540	76	241110	14.011	ug/l	99
18) Methyl Acetate	4.851	43	190623	22.242	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	435374	20.683	ug/l	98
20) Methylene Chloride	5.092	84	136045	19.413	ug/l #	92
21) trans-1,2-Dichloroethene	5.598	96	114229	17.735	ug/l	88
22) Diisopropyl ether	6.492	45	502803	22.907	ug/l	95
23) Vinyl Acetate	6.428	43	2022062	108.826	ug/l	99
24) 1,1-Dichloroethane	6.381	63	252710	20.538	ug/l	99
25) 2-Butanone	7.328	43	557142	108.611	ug/l	95
26) 2,2-Dichloropropane	7.322	77	205759	20.120	ug/l	96
27) cis-1,2-Dichloroethene	7.316	96	143987	19.451	ug/l	88
28) Bromochloromethane	7.651	49	113906	22.872	ug/l	83
29) Tetrahydrofuran	7.675	42	360464	108.472	ug/l	92
30) Chloroform	7.816	83	244839	20.231	ug/l	99
31) Cyclohexane	8.092	56	236562	19.535	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	206021	19.713	ug/l	95
36) 1,1-Dichloropropene	8.216	75	179806	18.963	ug/l	96
37) Ethyl Acetate	7.404	43	220592	21.693	ug/l	97
38) Carbon Tetrachloride	8.204	117	171518	18.359	ug/l	97
39) Methylcyclohexane	9.457	83	213142	17.470	ug/l	91
40) Benzene	8.457	78	555724	19.814	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	121510	22.688	ug/l #	84
42) 1,2-Dichloroethane	8.522	62	196154	20.535	ug/l	98
43) Isopropyl Acetate	8.551	43	353740	22.069	ug/l	98
44) Trichloroethene	9.210	130	134369	18.193	ug/l	96
45) 1,2-Dichloropropane	9.486	63	150332	20.925	ug/l	99
46) Dibromomethane	9.569	93	91602	19.374	ug/l	96
47) Bromodichloromethane	9.757	83	187797	19.653	ug/l	98
48) Methyl methacrylate	9.551	41	147180	19.400	ug/l	91
49) 1,4-Dioxane	9.563	88	50076	371.619	ug/l	88
51) 4-Methyl-2-Pentanone	10.322	43	1074392	110.170	ug/l	99
52) Toluene	10.498	92	345041	19.578	ug/l	97
53) t-1,3-Dichloropropene	10.710	75	198952	19.148	ug/l	99
54) cis-1,3-Dichloropropene	10.180	75	224958	19.715	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	135175	19.595	ug/l	95
56) Ethyl methacrylate	10.757	69	215742	20.756	ug/l	92
57) 1,3-Dichloropropane	11.039	76	243456	20.402	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	128111	80.163	ug/l	93
59) 2-Hexanone	11.080	43	738500	110.108	ug/l	99
60) Dibromochloromethane	11.233	129	137518	18.863	ug/l	98
61) 1,2-Dibromoethane	11.339	107	133773	19.065	ug/l	100
64) Tetrachloroethene	10.974	164	120096	17.676	ug/l	99
65) Chlorobenzene	11.763	112	354970	18.883	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	133176	19.435	ug/l	100
67) Ethyl Benzene	11.839	91	648798	19.719	ug/l	99
68) m/p-Xylenes	11.951	106	489379	38.506	ug/l	97
69) o-Xylene	12.274	106	241101	19.420	ug/l	97
70) Styrene	12.292	104	376658	19.080	ug/l	97
71) Bromoform	12.451	173	97374	17.842	ug/l #	98
73) Isopropylbenzene	12.574	105	625093	21.766	ug/l	99
74) N-amyl acetate	12.380	43	201069	21.903	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	203115	22.257	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	147622m	17.573	ug/l	
77) Bromobenzene	12.857	156	141424	20.116	ug/l	84
78) n-propylbenzene	12.915	91	688999	21.353	ug/l	98
79) 2-Chlorotoluene	13.004	91	430961	21.994	ug/l	93
80) 1,3,5-Trimethylbenzene	13.051	105	515173	22.143	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	49895	19.247	ug/l	95
82) 4-Chlorotoluene	13.098	91	396162	20.828	ug/l	95
83) tert-Butylbenzene	13.315	119	455102	20.625	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	501134	21.881	ug/l	99
85) sec-Butylbenzene	13.498	105	601864	20.701	ug/l	99
86) p-Isopropyltoluene	13.610	119	484998	20.320	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	238721	19.182	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	232049	19.031	ug/l	97
89) n-Butylbenzene	13.939	91	349307	17.938	ug/l	96
90) Hexachloroethane	14.204	117	86659	20.331	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	234346	20.053	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	29566	19.996	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	95887	16.013	ug/l	95
94) Hexachlorobutadiene	15.362	225	68216	16.007	ug/l	99
95) Naphthalene	15.504	128	219650	17.386	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	83431	15.600	ug/l	98

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

