

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077734.D
 Acq On : 18 May 2023 14:21
 Operator : JC\MD
 Sample : VN0518WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2023
 Supervised By : Mahesh Dadoda 05/19/2023

Quant Time: May 19 07:34:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	385905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	705651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	619883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	262288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	273029	47.285	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.560%		
35) Dibromofluoromethane	8.177	113	222757	48.410	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.820%		
50) Toluene-d8	10.570	98	840916	47.479	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.960%		
62) 4-Bromofluorobenzene	12.853	95	286882	45.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	76610	17.444	ug/l	99
3) Chloromethane	2.371	50	77406	15.383	ug/l	97
4) Vinyl Chloride	2.524	62	90153	16.281	ug/l	97
5) Bromomethane	2.977	94	69226	16.904	ug/l	96
6) Chloroethane	3.136	64	61878	15.506	ug/l	99
7) Trichlorofluoromethane	3.512	101	144290	18.698	ug/l	93
8) Diethyl Ether	3.977	74	50268	17.844	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.389	101	79425	18.598	ug/l	99
10) Methyl Iodide	4.600	142	99291	19.496	ug/l	98
11) Tert butyl alcohol	5.518	59	66468	83.410	ug/l	99
12) 1,1-Dichloroethene	4.359	96	72568	17.879	ug/l	92
13) Acrolein	4.189	56	50376	82.347	ug/l	91
14) Allyl chloride	5.041	41	111194	18.648	ug/l	96
15) Acrylonitrile	5.724	53	181559	85.280	ug/l	99
16) Acetone	4.436	43	157190	86.529	ug/l	94
17) Carbon Disulfide	4.724	76	169024	15.455	ug/l	99
18) Methyl Acetate	5.036	43	130882	17.174	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	268198	18.255	ug/l	96
20) Methylene Chloride	5.288	84	90610	17.895	ug/l	93
21) trans-1,2-Dichloroethene	5.806	96	77632	17.027	ug/l	89
22) Diisopropyl ether	6.677	45	248933	17.811	ug/l #	94
23) Vinyl Acetate	6.612	43	738439	85.277	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	155417	18.151	ug/l	97
25) 2-Butanone	7.494	43	237741	83.660	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	131036	18.013	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	96759	17.699	ug/l	92
28) Bromochloromethane	7.824	49	74727	20.180	ug/l	89
29) Tetrahydrofuran	7.847	42	148155	79.621	ug/l	86
30) Chloroform	7.977	83	170938	18.148	ug/l	94
31) Cyclohexane	8.265	56	134192	17.099	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	145078	18.117	ug/l	95
36) 1,1-Dichloropropene	8.382	75	118702	17.637	ug/l	96
37) Ethyl Acetate	7.571	43	96391	16.068	ug/l	97
38) Carbon Tetrachloride	8.371	117	123245	18.134	ug/l	93
39) Methylcyclohexane	9.612	83	146249	17.749	ug/l	91
40) Benzene	8.612	78	359812	18.116	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	53178	16.646	ug/l	93
42) 1,2-Dichloroethane	8.677	62	127755	17.708	ug/l	98
43) Isopropyl Acetate	8.694	43	165687	16.909	ug/l	95
44) Trichloroethene	9.359	130	95681	19.026	ug/l	99
45) 1,2-Dichloropropane	9.629	63	92447	18.249	ug/l	92
46) Dibromomethane	9.718	93	67724	18.682	ug/l	99
47) Bromodichloromethane	9.894	83	132195	19.048	ug/l	98
48) Methyl methacrylate	9.688	41	80188	17.261	ug/l #	85
49) 1,4-Dioxane	9.700	88	31301	356.732	ug/l	89
51) 4-Methyl-2-Pentanone	10.453	43	497501	85.418	ug/l	93
52) Toluene	10.635	92	229782	18.584	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	132713	18.058	ug/l	99
54) cis-1,3-Dichloropropene	10.323	75	143651	17.737	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	89792	18.290	ug/l	97
56) Ethyl methacrylate	10.882	69	128537	17.316	ug/l	91
57) 1,3-Dichloropropane	11.170	76	153580	18.248	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	293234	80.297	ug/l	93
59) 2-Hexanone	11.200	43	350258	81.304	ug/l	93
60) Dibromochloromethane	11.365	129	93700	18.488	ug/l	98
61) 1,2-Dibromoethane	11.476	107	89250	18.223	ug/l	98
64) Tetrachloroethene	11.112	164	87882	20.273	ug/l	98
65) Chlorobenzene	11.900	112	244216	18.173	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	88309	18.992	ug/l	96
67) Ethyl Benzene	11.970	91	437627	18.172	ug/l	97
68) m/p-Xylenes	12.076	106	330974	36.271	ug/l	97
69) o-Xylene	12.406	106	166336	18.536	ug/l	98
70) Styrene	12.417	104	253293	17.768	ug/l	94
71) Bromoform	12.588	173	56611	18.302	ug/l #	99
73) Isopropylbenzene	12.700	105	428143	18.937	ug/l	99
74) N-amyl acetate	12.500	43	132886	15.901	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	125380	18.026	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	91576m	13.941	ug/l	
77) Bromobenzene	12.988	156	94921	18.397	ug/l	98
78) n-propylbenzene	13.041	91	492431	18.474	ug/l	99
79) 2-Chlorotoluene	13.129	91	298603	18.774	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	362982	19.102	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	37313	18.158	ug/l	84
82) 4-Chlorotoluene	13.229	91	285221	18.023	ug/l	99
83) tert-Butylbenzene	13.447	119	314963	18.986	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	359092	19.215	ug/l	100
85) sec-Butylbenzene	13.623	105	444608	18.859	ug/l	99
86) p-Isopropyltoluene	13.735	119	373100	19.851	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	176523	18.500	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	164828	17.408	ug/l	95
89) n-Butylbenzene	14.064	91	311716	18.031	ug/l	98
90) Hexachloroethane	14.341	117	57485	18.618	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	169718	19.039	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21680	16.100	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	80816	15.514	ug/l	98
94) Hexachlorobutadiene	15.505	225	40649	18.794	ug/l	99
95) Naphthalene	15.647	128	238963	13.328	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	78940	15.478	ug/l	98

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

