

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078071.D
 Acq On : 06 Jun 2023 15:36
 Operator : JC\MD
 Sample : VN0606WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

Quant Time: Jun 07 01:22:18 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	362113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	635753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	551295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	210287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	240594	44.405	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.820%		
35) Dibromofluoromethane	8.177	113	209458	50.524	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.040%		
50) Toluene-d8	10.571	98	737513	46.219	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.440%		
62) 4-Bromofluorobenzene	12.853	95	243148	43.144	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	61521	14.928	ug/l	99
3) Chloromethane	2.371	50	73476	15.583	ug/l	100
4) Vinyl Chloride	2.518	62	93577	18.010	ug/l	96
5) Bromomethane	2.965	94	74768	19.457	ug/l	100
6) Chloroethane	3.130	64	68019	18.165	ug/l	96
7) Trichlorofluoromethane	3.500	101	140436	19.395	ug/l	92
8) Diethyl Ether	3.971	74	56510	21.377	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.389	101	77736	19.399	ug/l	98
10) Methyl Iodide	4.600	142	109354	22.882	ug/l	98
11) Tert butyl alcohol	5.530	59	76323	102.070	ug/l	99
12) 1,1-Dichloroethene	4.353	96	75444	19.809	ug/l	87
13) Acrolein	4.194	56	54917	100.919	ug/l	97
14) Allyl chloride	5.036	41	98187	17.549	ug/l	95
15) Acrylonitrile	5.730	53	207627	103.932	ug/l	99
16) Acetone	4.441	43	162423	95.284	ug/l	98
17) Carbon Disulfide	4.724	76	145605	14.189	ug/l	96
18) Methyl Acetate	5.036	43	150096	20.989	ug/l	93
19) Methyl tert-butyl Ether	5.812	73	296660	21.519	ug/l	99
20) Methylene Chloride	5.283	84	99454	21.281	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	83962	19.625	ug/l	95
22) Diisopropyl ether	6.683	45	270627	20.636	ug/l #	91
23) Vinyl Acetate	6.612	43	791079	97.359	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	166253	20.692	ug/l	96
25) 2-Butanone	7.494	43	262493	98.440	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	132625	19.430	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	110063	21.456	ug/l	95
28) Bromochloromethane	7.824	49	75325	21.678	ug/l	93
29) Tetrahydrofuran	7.847	42	163333	93.545	ug/l	90
30) Chloroform	7.977	83	183986	20.817	ug/l	99
31) Cyclohexane	8.265	56	114036	15.486	ug/l	85
32) 1,1,1-Trichloroethane	8.177	97	154707	20.589	ug/l	99
36) 1,1-Dichloropropene	8.377	75	125601	20.714	ug/l	99
37) Ethyl Acetate	7.565	43	105610	19.541	ug/l	96
38) Carbon Tetrachloride	8.371	117	133786	21.850	ug/l	97
39) Methylcyclohexane	9.606	83	111929	15.078	ug/l	91
40) Benzene	8.612	78	390509	21.824	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	62998	21.887	ug/l	89
42) 1,2-Dichloroethane	8.677	62	137384	21.136	ug/l	98
43) Isopropyl Acetate	8.694	43	193813	21.955	ug/l	95
44) Trichloroethene	9.359	130	98793	21.805	ug/l	96
45) 1,2-Dichloropropane	9.629	63	105366	23.085	ug/l #	87
46) Dibromomethane	9.718	93	73350	22.459	ug/l	92
47) Bromodichloromethane	9.894	83	139982	22.387	ug/l	94
48) Methyl methacrylate	9.688	41	87218	20.838	ug/l	90
49) 1,4-Dioxane	9.700	88	36906	466.855	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	579252	110.388	ug/l	93
52) Toluene	10.635	92	245761	22.062	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	147232	22.236	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	163050	22.345	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	104898	23.716	ug/l	97
56) Ethyl methacrylate	10.882	69	151445	22.645	ug/l	91
57) 1,3-Dichloropropane	11.165	76	176501	23.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	304176	92.451	ug/l	93
59) 2-Hexanone	11.200	43	402851	103.793	ug/l	93
60) Dibromochloromethane	11.365	129	106934	23.418	ug/l	97
61) 1,2-Dibromoethane	11.476	107	104710	23.730	ug/l	98
64) Tetrachloroethene	11.112	164	76129	19.746	ug/l	97
65) Chlorobenzene	11.900	112	271496	22.717	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	102633	24.818	ug/l	97
67) Ethyl Benzene	11.970	91	464705	21.697	ug/l	99
68) m/p-Xylenes	12.076	106	358502	44.176	ug/l	98
69) o-Xylene	12.406	106	184068	23.063	ug/l	97
70) Styrene	12.417	104	284705	22.456	ug/l	97
71) Bromoform	12.582	173	69654	25.320	ug/l #	97
73) Isopropylbenzene	12.700	105	434843	23.989	ug/l	100
74) N-amyl acetate	12.500	43	150377	22.444	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	152293	27.310	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	115849m	21.998	ug/l	
77) Bromobenzene	12.982	156	107061	25.881	ug/l	93
78) n-propylbenzene	13.041	91	461746	21.607	ug/l	98
79) 2-Chlorotoluene	13.129	91	302306	23.706	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	353455	23.200	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	36946	22.425	ug/l	90
82) 4-Chlorotoluene	13.229	91	277465	21.869	ug/l	97
83) tert-Butylbenzene	13.447	119	296183	22.270	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	357625	23.868	ug/l	97
85) sec-Butylbenzene	13.623	105	394281	20.860	ug/l	99
86) p-Isopropyltoluene	13.735	119	330829	21.954	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	173902	22.732	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	165193	21.761	ug/l	98
89) n-Butylbenzene	14.064	91	267930	19.331	ug/l	97
90) Hexachloroethane	14.347	117	55066	22.244	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	179220	25.077	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	25388	23.516	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	67426	16.144	ug/l #	87
94) Hexachlorobutadiene	15.506	225	32527	18.758	ug/l	99
95) Naphthalene	15.647	128	255211	17.753	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.847	180	75940	18.571	ug/l #	88

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

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