

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077354.D
 Acq On : 17 Apr 2023 13:42
 Operator : JC\MD
 Sample : VN0417WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBSD01

Quant Time: Apr 18 04:40:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2023
 Supervised By : Mahesh Dadoda 04/18/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	498309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	940693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	851530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	362268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	373253	54.805	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.600%			
35) Dibromofluoromethane	8.172	113	336561	55.888	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.780%			
50) Toluene-d8	10.566	98	1345592	55.505	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.020%			
62) 4-Bromofluorobenzene	12.854	95	457129	56.696	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.131	85	131734	20.712	ug/l	100
3) Chloromethane	2.372	50	127764	16.210	ug/l	89
4) Vinyl Chloride	2.525	62	177968	16.654	ug/l	94
5) Bromomethane	2.960	94	142376	18.378	ug/l	91
6) Chloroethane	3.125	64	123487	16.192	ug/l	95
7) Trichlorofluoromethane	3.507	101	209169	22.574	ug/l	100
8) Diethyl Ether	3.972	74	78081	20.109	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.372	101	124366	21.931	ug/l	98
10) Methyl Iodide	4.601	142	149219	21.637	ug/l #	89
11) Tert butyl alcohol	5.519	59	106356	76.532	ug/l	97
12) 1,1-Dichloroethene	4.348	96	117303	20.095	ug/l	89
13) Acrolein	4.190	56	102526	77.896	ug/l	94
14) Allyl chloride	5.037	41	151955	17.236	ug/l	95
15) Acrylonitrile	5.731	53	270132	87.925	ug/l	99
16) Acetone	4.437	43	231467	92.178	ug/l	98
17) Carbon Disulfide	4.719	76	291554	18.522	ug/l	99
18) Methyl Acetate	5.031	43	169425	17.716	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	419115	20.235	ug/l	98
20) Methylene Chloride	5.290	84	141692	19.980	ug/l	96
21) trans-1,2-Dichloroethene	5.790	96	133018	20.812	ug/l	93
22) Diisopropyl ether	6.684	45	337111	19.072	ug/l #	96
23) Vinyl Acetate	6.607	43	1239859m	103.744	ug/l	
24) 1,1-Dichloroethane	6.572	63	225810	19.784	ug/l	98
25) 2-Butanone	7.489	43	346752	85.084	ug/l	95
26) 2,2-Dichloropropane	7.501	77	227880	21.773	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	166541	21.338	ug/l	93
28) Bromochloromethane	7.819	49	107576	23.431	ug/l	88
29) Tetrahydrofuran	7.848	42	205749	78.537	ug/l	92
30) Chloroform	7.972	83	252884	20.777	ug/l	100
31) Cyclohexane	8.260	56	198484	18.755	ug/l	93
32) 1,1,1-Trichloroethane	8.172	97	234828	21.214	ug/l	94
36) 1,1-Dichloropropene	8.378	75	189481	21.274	ug/l	99
37) Ethyl Acetate	7.566	43	146153	18.341	ug/l	99
38) Carbon Tetrachloride	8.366	117	204022	22.358	ug/l	93
39) Methylcyclohexane	9.607	83	254041	21.153	ug/l	96
40) Benzene	8.613	78	569574	20.502	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	76025	17.749	ug/l	99
42) 1,2-Dichloroethane	8.672	62	184620	21.593	ug/l	99
43) Isopropyl Acetate	8.689	43	251798	17.124	ug/l	95
44) Trichloroethene	9.354	130	146085	21.977	ug/l	95
45) 1,2-Dichloropropane	9.625	63	139289	21.111	ug/l	96
46) Dibromomethane	9.713	93	102974	20.715	ug/l	95
47) Bromodichloromethane	9.889	83	211093	21.245	ug/l	99
48) Methyl methacrylate	9.683	41	111651	17.799	ug/l	98
49) 1,4-Dioxane	9.695	88	57971	381.189	ug/l #	89
51) 4-Methyl-2-Pentanone	10.448	43	751340	88.399	ug/l	98
52) Toluene	10.630	92	386723	21.267	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	225560	20.906	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	245491	21.361	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	149074	20.885	ug/l	96
56) Ethyl methacrylate	10.877	69	219044	19.702	ug/l	95
57) 1,3-Dichloropropane	11.166	76	244068	20.697	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	385083	116.354	ug/l	96
59) 2-Hexanone	11.195	43	560845	88.572	ug/l	100
60) Dibromochloromethane	11.360	129	162890	22.157	ug/l	99
61) 1,2-Dibromoethane	11.471	107	154651	21.707	ug/l	99
64) Tetrachloroethene	11.107	164	118148	22.460	ug/l	95
65) Chlorobenzene	11.895	112	409294	21.832	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	152911	21.557	ug/l	99
67) Ethyl Benzene	11.966	91	744175	21.511	ug/l	96
68) m/p-Xylenes	12.071	106	582817	42.876	ug/l	100
69) o-Xylene	12.401	106	285900	21.320	ug/l	97
70) Styrene	12.413	104	464820	21.540	ug/l	99
71) Bromoform	12.583	173	102205	20.468	ug/l #	95
73) Isopropylbenzene	12.695	105	753802	21.423	ug/l	100
74) N-amyl acetate	12.495	43	223597	16.768	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	219640	19.891	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	185568m	21.511	ug/l	
77) Bromobenzene	12.983	156	157319	21.988	ug/l	91
78) n-propylbenzene	13.042	91	841595	21.647	ug/l	99
79) 2-Chlorotoluene	13.130	91	490661	20.959	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	598880	21.309	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	65461	17.076	ug/l	97
82) 4-Chlorotoluene	13.224	91	476963	21.609	ug/l	100
83) tert-Butylbenzene	13.442	119	536829	21.460	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	596904	21.499	ug/l	98
85) sec-Butylbenzene	13.618	105	762199	21.863	ug/l	100
86) p-Isopropyltoluene	13.736	119	617409	22.534	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	290122	21.919	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	292601	22.416	ug/l	99
89) n-Butylbenzene	14.060	91	493579	21.700	ug/l	99
90) Hexachloroethane	14.336	117	123546	20.623	ug/l	98
91) 1,2-Dichlorobenzene	14.113	146	289446	21.859	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	38859	18.569	ug/l	98
93) 1,2,4-Trichlorobenzene	15.365	180	80408	16.821	ug/l	97
94) Hexachlorobutadiene	15.465	225	59044	21.339	ug/l	99
95) Naphthalene	15.589	128	298481	16.622	ug/l	98
96) 1,2,3-Trichlorobenzene	15.754	180	78759	17.226	ug/l	97

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

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