

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042723\
 Data File : VN077487.D
 Acq On : 27 Apr 2023 10:37
 Operator : JC\MD
 Sample : VN0427WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Quant Time: Apr 28 03:21:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/28/2023
 Supervised By : Mahesh Dadoda 04/28/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	667426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1233080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1085956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	434139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	452184	51.921	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.840%			
35) Dibromofluoromethane	8.172	113	386426	52.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.280%			
50) Toluene-d8	10.571	98	1511013	53.196	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.400%			
62) 4-Bromofluorobenzene	12.848	95	504289	54.264	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	150821	17.902	ug/l	97
3) Chloromethane	2.372	50	111938	16.731	ug/l	99
4) Vinyl Chloride	2.525	62	159347	17.879	ug/l	99
5) Bromomethane	2.960	94	135836	17.595	ug/l	96
6) Chloroethane	3.125	64	126792	18.725	ug/l	98
7) Trichlorofluoromethane	3.507	101	242549	18.516	ug/l	98
8) Diethyl Ether	3.966	74	87735	18.431	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	138077	18.124	ug/l	97
10) Methyl Iodide	4.601	142	152475	16.291	ug/l	100
11) Tert butyl alcohol	5.525	59	123295	88.186	ug/l	97
12) 1,1-Dichloroethene	4.354	96	130267	17.490	ug/l	97
13) Acrolein	4.184	56	120724	86.799	ug/l	96
14) Allyl chloride	5.036	41	152265	18.387	ug/l	97
15) Acrylonitrile	5.725	53	289345	91.227	ug/l	99
16) Acetone	4.436	43	251494	90.768	ug/l	97
17) Carbon Disulfide	4.725	76	311088	16.437	ug/l	98
18) Methyl Acetate	5.036	43	192160	17.959	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	452455	18.266	ug/l	98
20) Methylene Chloride	5.289	84	148560	16.907	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	140896	17.494	ug/l	91
22) Diisopropyl ether	6.678	45	336689	17.716	ug/l	95
23) Vinyl Acetate	6.613	43	1053539	88.763	ug/l	100
24) 1,1-Dichloroethane	6.578	63	240504	17.877	ug/l	99
25) 2-Butanone	7.489	43	360509	91.737	ug/l	99
26) 2,2-Dichloropropane	7.495	77	243556	18.671	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	175473	18.396	ug/l	97
28) Bromochloromethane	7.819	49	106216	20.675	ug/l	92
29) Tetrahydrofuran	7.848	42	228072	92.628	ug/l	97
30) Chloroform	7.972	83	285604	18.838	ug/l	96
31) Cyclohexane	8.260	56	213743	17.325	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	257771	18.493	ug/l	98
36) 1,1-Dichloropropene	8.377	75	204239	19.075	ug/l	98
37) Ethyl Acetate	7.566	43	137495	16.899	ug/l	98
38) Carbon Tetrachloride	8.366	117	222692	18.850	ug/l	99
39) Methylcyclohexane	9.607	83	256758	18.201	ug/l	98
40) Benzene	8.613	78	608462	18.654	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	75685	17.860	ug/l	93
42) 1,2-Dichloroethane	8.677	62	211150	18.847	ug/l	99
43) Isopropyl Acetate	8.695	43	251301	17.853	ug/l	96
44) Trichloroethene	9.360	130	155313	18.597	ug/l	94
45) 1,2-Dichloropropane	9.624	63	142574	18.660	ug/l	98
46) Dibromomethane	9.713	93	110289	17.789	ug/l	95
47) Bromodichloromethane	9.889	83	221741	18.490	ug/l	96
48) Methyl methacrylate	9.683	41	113291	17.682	ug/l	99
49) 1,4-Dioxane	9.695	88	61147	380.473	ug/l #	93
51) 4-Methyl-2-Pentanone	10.448	43	755285	91.482	ug/l	100
52) Toluene	10.630	92	404864	18.947	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	230738	19.001	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	245889	18.603	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	160709	18.703	ug/l	99
56) Ethyl methacrylate	10.877	69	227930	18.930	ug/l	94
57) 1,3-Dichloropropane	11.165	76	265742	19.415	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	408532	100.314	ug/l	100
59) 2-Hexanone	11.195	43	556595	92.746	ug/l	99
60) Dibromochloromethane	11.360	129	167411	18.772	ug/l	99
61) 1,2-Dibromoethane	11.471	107	164538	18.756	ug/l	98
64) Tetrachloroethene	11.107	164	124002	19.075	ug/l	95
65) Chlorobenzene	11.895	112	427059	18.584	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	157482	18.836	ug/l	98
67) Ethyl Benzene	11.965	91	773641	19.124	ug/l	99
68) m/p-Xylenes	12.071	106	594105	37.787	ug/l	99
69) o-Xylene	12.401	106	297725	19.252	ug/l	100
70) Styrene	12.412	104	469075	19.395	ug/l	99
71) Bromoform	12.583	173	105599	19.306	ug/l #	95
73) Isopropylbenzene	12.695	105	761884	18.912	ug/l	99
74) N-amyl acetate	12.495	43	203516	17.063	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	230302	18.194	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	194067m	19.223	ug/l	
77) Bromobenzene	12.983	156	161144	18.353	ug/l	97
78) n-propylbenzene	13.036	91	841267	18.886	ug/l	99
79) 2-Chlorotoluene	13.130	91	519455	18.914	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	605163	20.228	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	72981	20.423	ug/l	94
82) 4-Chlorotoluene	13.224	91	489371	19.069	ug/l	99
83) tert-Butylbenzene	13.442	119	546582	18.813	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	553215	19.800	ug/l	99
85) sec-Butylbenzene	13.618	105	771824	19.354	ug/l	99
86) p-Isopropyltoluene	13.730	119	589007	19.196	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	289982	18.571	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	281015	18.227	ug/l	97
89) n-Butylbenzene	14.059	91	448847	18.902	ug/l	99
90) Hexachloroethane	14.336	117	123155	18.168	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	287520	18.565	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	43148	18.433	ug/l	93
93) 1,2,4-Trichlorobenzene	15.365	180	64024	17.663	ug/l	95
94) Hexachlorobutadiene	15.465	225	60351	19.284	ug/l	99
95) Naphthalene	15.589	128	239276	17.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.753	180	63140	18.380	ug/l	98

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

