

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077078.D
 Acq On : 20 Mar 2023 19:07
 Operator : JC\MD
 Sample : 01941-05MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MS

Quant Time: Mar 21 05:41:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	372156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	645919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	591266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	268517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	286869	48.258	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.520%		
35) Dibromofluoromethane	8.178	113	221756	49.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.040%		
50) Toluene-d8	10.572	98	825851	51.110	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.220%		
62) 4-Bromofluorobenzene	12.854	95	308052	53.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	132325	37.337	ug/l	98
3) Chloromethane	2.372	50	172047	45.883	ug/l	95
4) Vinyl Chloride	2.525	62	193652	47.847	ug/l	96
5) Bromomethane	2.943	94	118370	43.298	ug/l	96
6) Chloroethane	3.125	64	144645	56.479	ug/l	95
7) Trichlorofluoromethane	3.507	101	386864	44.431	ug/l	99
8) Diethyl Ether	3.978	74	149823	45.722	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	234243	47.427	ug/l	99
10) Methyl Iodide	4.607	142	259682	46.681	ug/l	99
11) Tert butyl alcohol	5.537	59	218507	252.253	ug/l	100
12) 1,1-Dichloroethene	4.354	96	217846	48.215	ug/l	92
13) Acrolein	4.190	56	262292	244.813	ug/l	99
14) Allyl chloride	5.042	41	400005	48.359	ug/l	94
15) Acrylonitrile	5.731	53	694914	238.633	ug/l	99
16) Acetone	4.437	43	542161	204.686	ug/l	97
17) Carbon Disulfide	4.725	76	550493	41.784	ug/l	99
18) Methyl Acetate	5.037	43	446289	44.682	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	762417	47.017	ug/l	100
20) Methylene Chloride	5.290	84	247358	43.030	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	219212	44.762	ug/l	98
22) Diisopropyl ether	6.684	45	832813	45.953	ug/l	99
23) Vinyl Acetate	6.613	43	2593282	226.759	ug/l	99
24) 1,1-Dichloroethane	6.578	63	469362	45.259	ug/l	99
25) 2-Butanone	7.489	43	896112	231.270	ug/l	100
26) 2,2-Dichloropropane	7.495	77	336491	43.123	ug/l	99
27) cis-1,2-Dichloroethene	7.501	96	274638	48.965	ug/l	96
28) Bromochloromethane	7.819	49	190630	42.328	ug/l	95
29) Tetrahydrofuran	7.842	42	614179	244.609	ug/l	99
30) Chloroform	7.972	83	467237	46.420	ug/l	100
31) Cyclohexane	8.266	56	425729	43.772	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	399365	46.422	ug/l	100
36) 1,1-Dichloropropene	8.378	75	336192	47.584	ug/l	98
37) Ethyl Acetate	7.566	43	347924	46.026	ug/l	99
38) Carbon Tetrachloride	8.366	117	340294	49.448	ug/l	97
39) Methylcyclohexane	9.607	83	413579	50.011	ug/l	98
40) Benzene	8.613	78	1023289	47.757	ug/l	99

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41) Methacrylonitrile	7.789	41	206351	50.672	ug/l	97
42) 1,2-Dichloroethane	8.678	62	356410	46.031	ug/l	99
43) Isopropyl Acetate	8.695	43	570615	48.321	ug/l	98
44) Trichloroethene	9.354	130	1238441	251.626	ug/l	96
45) 1,2-Dichloropropane	9.625	63	273356	48.034	ug/l	98
46) Dibromomethane	9.713	93	168282	46.887	ug/l	96
47) Bromodichloromethane	9.889	83	352448	46.821	ug/l	98
48) Methyl methacrylate	9.683	41	284113	50.326	ug/l	96
49) 1,4-Dioxane	9.701	88	101173	1049.262	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1847362	251.217	ug/l	99
52) Toluene	10.630	92	621452	48.575	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	373384	50.609	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	403132	48.428	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	251020	49.757	ug/l	99
56) Ethyl methacrylate	10.877	69	401484	52.923	ug/l	97
57) 1,3-Dichloropropane	11.166	76	437746	47.393	ug/l	99
59) 2-Hexanone	11.201	43	1352868	253.645	ug/l	99
60) Dibromochloromethane	11.360	129	253357	49.995	ug/l	99
61) 1,2-Dibromoethane	11.471	107	247428	49.457	ug/l	97
64) Tetrachloroethene	11.107	164	180812	45.565	ug/l	98
65) Chlorobenzene	11.895	112	631365	46.409	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	234121	46.509	ug/l	99
67) Ethyl Benzene	11.966	91	1216507	49.230	ug/l	99
68) m/p-Xylenes	12.077	106	904762	98.726	ug/l	100
69) o-Xylene	12.401	106	449415	49.354	ug/l	100
70) Styrene	12.413	104	737883	52.048	ug/l	99
71) Bromoform	12.583	173	173253	50.791	ug/l #	100
73) Isopropylbenzene	12.701	105	1184008	49.203	ug/l	100
74) N-amyl acetate	12.495	43	486312	46.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	383194	43.954	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	344301m	49.571	ug/l	
77) Bromobenzene	12.983	156	252199	46.785	ug/l	96
78) n-propylbenzene	13.042	91	1397101	50.294	ug/l	100
79) 2-Chlorotoluene	13.130	91	849701	48.004	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1006308	50.088	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	114749	45.476	ug/l	99
82) 4-Chlorotoluene	13.224	91	821385	48.799	ug/l	100
83) tert-Butylbenzene	13.442	119	840422	49.822	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1003686	50.061	ug/l	99
85) sec-Butylbenzene	13.618	105	1232494	51.364	ug/l	100
86) p-Isopropyltoluene	13.730	119	997085	51.744	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	472655	46.393	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	464310	45.806	ug/l	99
89) n-Butylbenzene	14.060	91	859604	50.850	ug/l	99
90) Hexachloroethane	14.336	117	182180	46.501	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	467804	46.065	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	76147	47.137	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	229989	50.098	ug/l	99
94) Hexachlorobutadiene	15.501	225	116931	46.250	ug/l	99
95) Naphthalene	15.642	128	797843	44.923	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	222722	48.350	ug/l	98

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

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