

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073394.D
 Acq On : 08 Jul 2022 15:41
 Operator : JC\MD
 Sample : N3616-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OW-03B-49-54-070622MS

Quant Time: Jul 09 05:25:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	244712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	423339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	374141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	174269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	183480	51.938	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.880%
35) Dibromofluoromethane	7.951	113	145934	51.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.620%
50) Toluene-d8	10.380	98	493461	49.329	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.669	95	197314	51.327	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	153278	42.842	ug/l	99
3) Chloromethane	2.263	50	137957	39.718	ug/l	97
4) Vinyl Chloride	2.405	62	126405	42.831	ug/l	99
5) Bromomethane	2.787	94	55289	39.664	ug/l	96
6) Chloroethane	2.957	64	78625	45.289	ug/l	95
7) Trichlorofluoromethane	3.310	101	205039	40.186	ug/l	99
8) Diethyl Ether	3.763	74	96895	46.651	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.134	101	133596	44.313	ug/l	96
10) Methyl Iodide	4.346	142	139632	38.607	ug/l	94
11) Tert butyl alcohol	5.293	59	232047	271.154	ug/l	99
12) 1,1-Dichloroethene	4.116	96	130143	45.177	ug/l	96
13) Acrolein	3.981	56	135533	250.566	ug/l	97
14) Allyl chloride	4.757	41	284755	46.922	ug/l #	92
15) Acrylonitrile	5.475	53	582223	264.287	ug/l	99
16) Acetone	4.222	43	530860	267.711	ug/l	94
17) Carbon Disulfide	4.457	76	308515	41.302	ug/l	100
18) Methyl Acetate	4.775	43	290030	52.192	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	510795	48.651	ug/l	99
20) Methylene Chloride	5.016	84	156419	44.885	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	136405	45.317	ug/l	96
22) Diisopropyl ether	6.416	45	561624	49.595	ug/l	96
23) Vinyl Acetate	6.351	43	2440650	240.721	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	279467	47.689	ug/l	98
25) 2-Butanone	7.257	43	863747	273.590	ug/l	89
26) 2,2-Dichloropropane	7.245	77	226733	41.833	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	168144	46.128	ug/l	96
28) Bromochloromethane	7.581	49	125149	50.992	ug/l	83
29) Tetrahydrofuran	7.610	42	579360	268.009	ug/l #	86
30) Chloroform	7.745	83	284117	48.136	ug/l	100
31) Cyclohexane	8.022	56	239411	41.380	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	247711	47.093	ug/l	99
36) 1,1-Dichloropropene	8.151	75	194478	44.875	ug/l	98
37) Ethyl Acetate	7.340	43	328393	50.149	ug/l #	94
38) Carbon Tetrachloride	8.134	117	199777	44.576	ug/l	96
39) Methylcyclohexane	9.392	83	235816	43.706	ug/l	93
40) Benzene	8.386	78	622349	46.531	ug/l	97

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41) Methacrylonitrile	7.569	41	167869	52.859	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	228784	47.189	ug/l	98
43) Isopropyl Acetate	8.492	43	472168	50.172	ug/l	94
44) Trichloroethene	9.151	130	151841	44.612	ug/l	94
45) 1,2-Dichloropropane	9.428	63	163187	47.870	ug/l	98
46) Dibromomethane	9.516	93	108611	46.923	ug/l	93
47) Bromodichloromethane	9.698	83	221280	49.359	ug/l	98
48) Methyl methacrylate	9.498	41	217381	49.888	ug/l	91
49) 1,4-Dioxane	9.504	88	89778	1085.322	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1606093	269.116	ug/l	90
52) Toluene	10.445	92	385279	46.612	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	242424	49.122	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	258179	48.457	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	160190	47.076	ug/l	98
56) Ethyl methacrylate	10.698	69	273899	49.799	ug/l #	85
57) 1,3-Dichloropropane	10.986	76	276604	47.418	ug/l	100
59) 2-Hexanone	11.027	43	1256338	276.163	ug/l	89
60) Dibromochloromethane	11.180	129	163432	50.375	ug/l	100
61) 1,2-Dibromoethane	11.286	107	167766	49.359	ug/l	99
64) Tetrachloroethene	10.916	164	136484	44.674	ug/l	97
65) Chlorobenzene	11.710	112	402007	47.509	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.780	131	151958	48.824	ug/l	97
67) Ethyl Benzene	11.780	91	748843	48.747	ug/l	100
68) m/p-Xylenes	11.892	106	556230	95.942	ug/l	95
69) o-Xylene	12.216	106	279785	47.273	ug/l	95
70) Styrene	12.233	104	459647	50.302	ug/l	98
71) Bromoform	12.398	173	116842	51.305	ug/l #	100
73) Isopropylbenzene	12.522	105	737628	49.016	ug/l	98
74) N-amyl acetate	12.327	43	369764	49.071	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	254639	50.991	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	223694m	49.090	ug/l	
77) Bromobenzene	12.798	156	165086	47.183	ug/l	85
78) n-propylbenzene	12.857	91	843513	50.455	ug/l	97
79) 2-Chlorotoluene	12.945	91	521138	49.252	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	593227	48.363	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	86016	51.768	ug/l	96
82) 4-Chlorotoluene	13.045	91	490886	47.921	ug/l	99
83) tert-Butylbenzene	13.263	119	535066	48.657	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	591811	48.325	ug/l	97
85) sec-Butylbenzene	13.439	105	746200	50.534	ug/l	98
86) p-Isopropyltoluene	13.551	119	605888	50.794	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	296346	47.212	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	301405	47.925	ug/l	99
89) n-Butylbenzene	13.880	91	500311	50.334	ug/l	98
90) Hexachloroethane	14.145	117	111502	50.158	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	311960	48.788	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	64882	53.455	ug/l	89
93) 1,2,4-Trichlorobenzene	15.192	180	159969	48.048	ug/l	98
94) Hexachlorobutadiene	15.298	225	67391	45.534	ug/l	99
95) Naphthalene	15.433	128	637388	47.456	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	164948	48.028	ug/l	99

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

