

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
 Data File : VN073781.D
 Acq On : 09 Aug 2022 11:34
 Operator : JC\MD
 Sample : VN0809WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBS01

Quant Time: Aug 09 21:05:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2022
 Supervised By : Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	330154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	540334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	492161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	229732	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	217228	53.990	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.980%	
35) Dibromofluoromethane	7.951	113	186178	54.872	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.740%	
50) Toluene-d8	10.380	98	694739	52.034	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.060%	
62) 4-Bromofluorobenzene	12.674	95	219340	49.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.600%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	55025	17.183	ug/l	97
3) Chloromethane	2.269	50	76767	18.360	ug/l	98
4) Vinyl Chloride	2.404	62	92422	16.502	ug/l	99
5) Bromomethane	2.799	94	47746	14.700	ug/l	98
6) Chloroethane	2.963	64	64568	18.423	ug/l	95
7) Trichlorofluoromethane	3.310	101	131872	22.847	ug/l	97
8) Diethyl Ether	3.769	74	41179	19.000	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.140	101	63226	19.799	ug/l	99
10) Methyl Iodide	4.351	142	40587	12.502	ug/l	96
11) Tert butyl alcohol	5.298	59	88394	101.870	ug/l	99
12) 1,1-Dichloroethene	4.110	96	58728	18.749	ug/l	97
13) Acrolein	3.981	56	79949	92.937	ug/l	96
14) Allyl chloride	4.769	41	94773	18.924	ug/l	99
15) Acrylonitrile	5.475	53	259136	107.961	ug/l	98
16) Acetone	4.222	43	213387	98.743	ug/l	97
17) Carbon Disulfide	4.451	76	138795	16.711	ug/l	100
18) Methyl Acetate	4.781	43	124564	23.169	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	215675	20.154	ug/l	100
20) Methylene Chloride	5.010	84	79442	21.466	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	65444	19.300	ug/l	94
22) Diisopropyl ether	6.416	45	219911	20.354	ug/l	99
23) Vinyl Acetate	6.351	43	912150	100.694	ug/l	99
24) 1,1-Dichloroethane	6.310	63	130884	19.691	ug/l	99
25) 2-Butanone	7.263	43	350662	104.487	ug/l	97
26) 2,2-Dichloropropane	7.245	77	96862	18.941	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	81399	19.484	ug/l	97
28) Bromochloromethane	7.587	49	61920	22.186	ug/l	99
29) Tetrahydrofuran	7.610	42	226313	106.658	ug/l	100
30) Chloroform	7.751	83	138558	20.007	ug/l	95
31) Cyclohexane	8.022	56	107609	17.965	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	113735	19.779	ug/l	98
36) 1,1-Dichloropropene	8.151	75	88949	18.394	ug/l	100
37) Ethyl Acetate	7.339	43	127975	20.095	ug/l	99
38) Carbon Tetrachloride	8.134	117	94756	19.293	ug/l	93
39) Methylcyclohexane	9.398	83	101879	17.630	ug/l	96
40) Benzene	8.392	78	307829	19.603	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	56890	19.741	ug/l	96
42) 1,2-Dichloroethane	8.463	62	104351	19.717	ug/l	100
43) Isopropyl Acetate	8.498	43	176369	20.503	ug/l	100
44) Trichloroethene	9.151	130	74855	18.798	ug/l	94
45) 1,2-Dichloropropane	9.428	63	78464	19.991	ug/l	100
46) Dibromomethane	9.516	93	54235	19.909	ug/l	98
47) Bromodichloromethane	9.704	83	107906	20.638	ug/l	99
48) Methyl methacrylate	9.498	41	76773	20.390	ug/l	93
49) 1,4-Dioxane	9.510	88	47070	443.476	ug/l	94
51) 4-Methyl-2-Pentanone	10.275	43	660961	107.131	ug/l	99
52) Toluene	10.445	92	191027	19.916	ug/l	97
53) t-1,3-Dichloropropene	10.663	75	99516	19.267	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	115090	19.773	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	83238	20.811	ug/l	98
56) Ethyl methacrylate	10.704	69	112963	20.491	ug/l	98
57) 1,3-Dichloropropane	10.986	76	135588	19.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	243460	90.079	ug/l	99
59) 2-Hexanone	11.027	43	512159	109.568	ug/l	98
60) Dibromochloromethane	11.180	129	84024	21.116	ug/l	99
61) 1,2-Dibromoethane	11.286	107	81717	19.837	ug/l	96
64) Tetrachloroethene	10.916	164	71466	18.271	ug/l	97
65) Chlorobenzene	11.710	112	201174	19.244	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.786	131	77836	20.759	ug/l	99
67) Ethyl Benzene	11.786	91	342590	19.425	ug/l	99
68) m/p-Xylenes	11.898	106	267755	39.806	ug/l	99
69) o-Xylene	12.222	106	130448	19.892	ug/l	98
70) Styrene	12.239	104	215059	20.486	ug/l	97
71) Bromoform	12.398	173	65762	21.248	ug/l #	99
73) Isopropylbenzene	12.521	105	336729	20.023	ug/l	99
74) N-amyl acetate	12.333	43	126364	19.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	132982	20.492	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	97649m	21.356	ug/l	
77) Bromobenzene	12.798	156	88494	20.207	ug/l	99
78) n-propylbenzene	12.863	91	375405	19.839	ug/l	98
79) 2-Chlorotoluene	12.945	91	234536	19.859	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	280633	20.278	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	33550	18.926	ug/l	92
82) 4-Chlorotoluene	13.045	91	216465	19.339	ug/l	96
83) tert-Butylbenzene	13.263	119	251958	20.554	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	279701	20.554	ug/l	100
85) sec-Butylbenzene	13.439	105	337247	19.906	ug/l	99
86) p-Isopropyltoluene	13.557	119	269207	20.156	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	154559	19.335	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	152373	19.051	ug/l	99
89) n-Butylbenzene	13.880	91	199173	18.328	ug/l	97
90) Hexachloroethane	14.151	117	52850	19.944	ug/l	98
91) 1,2-Dichlorobenzene	13.927	146	161669	19.958	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	27757	21.288	ug/l	98
93) 1,2,4-Trichlorobenzene	15.198	180	74861	18.610	ug/l	97
94) Hexachlorobutadiene	15.304	225	42291	19.338	ug/l	98
95) Naphthalene	15.439	128	255967	19.609	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	84791	20.027	ug/l	97

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

