

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031077.D
 Acq On : 02 Sep 2022 19:09
 Operator : JC/MD
 Sample : N4297-17MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20220821MS

Quant Time: Sep 03 00:51:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	176357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	288533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110760	48.811	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.620%		
35) Dibromofluoromethane	5.391	113	107454	51.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.060%		
50) Toluene-d8	8.653	98	384665	49.638	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.280%		
62) 4-Bromofluorobenzene	11.085	95	140234	51.235	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76289	42.041	ug/l	98
3) Chloromethane	1.288	50	57696	37.591	ug/l	100
4) Vinyl Chloride	1.374	62	74708	39.412	ug/l	96
5) Bromomethane	1.611	94	43974	51.890	ug/l	99
6) Chloroethane	1.685	64	29238	25.216	ug/l	97
7) Trichlorofluoromethane	1.886	101	146900	45.863	ug/l	96
8) Diethyl Ether	2.136	74	46132	41.296	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	93706	44.168	ug/l	93
10) Methyl Iodide	2.453	142	97684	47.715	ug/l	95
11) Tert butyl alcohol	3.007	59	117943	257.916	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	93434	45.604	ug/l	93
13) Acrolein	2.239	56	101769	245.084	ug/l	99
14) Allyl chloride	2.666	41	110756	40.705	ug/l #	88
15) Acrylonitrile	3.075	53	243966	229.315	ug/l	98
16) Acetone	2.392	43	204967	233.977	ug/l	97
17) Carbon Disulfide	2.514	76	222203	41.762	ug/l	99
18) Methyl Acetate	2.709	43	101850	40.460	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	291214	46.155	ug/l	94
20) Methylene Chloride	2.788	84	101697	47.605	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	98935	43.397	ug/l	89
22) Diisopropyl ether	3.763	45	230587	42.059	ug/l #	91
23) Vinyl Acetate	3.727	43	890308	201.047	ug/l #	90
24) 1,1-Dichloroethane	3.617	63	157668	42.679	ug/l	99
25) 2-Butanone	4.568	43	311080	230.020	ug/l #	87
26) 2,2-Dichloropropane	4.483	77	103116	34.978	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	115920	45.368	ug/l	89
28) Bromochloromethane	4.903	49	45195	41.292	ug/l #	52
29) Tetrahydrofuran	5.019	42	189792	217.680	ug/l #	76
30) Chloroform	5.105	83	183292	45.244	ug/l	98
31) Cyclohexane	5.477	56	127717	41.202	ug/l #	82
32) 1,1,1-Trichloroethane	5.391	97	163664	47.128	ug/l	94
36) 1,1-Dichloropropene	5.696	75	128810	43.674	ug/l	97
37) Ethyl Acetate	4.721	43	105292	41.089	ug/l	94
38) Carbon Tetrachloride	5.684	117	146989	48.013	ug/l	98
39) Methylcyclohexane	7.385	83	158639	43.401	ug/l	91
40) Benzene	6.044	78	384481	45.405	ug/l	99

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41) Methacrylonitrile	4.922	41	60465	44.257	ug/l #	85
42) 1,2-Dichloroethane	6.092	62	130230	46.623	ug/l	99
43) Isopropyl Acetate	6.348	43	165549	41.336	ug/l #	88
44) Trichloroethene	7.129	130	131067	48.902	ug/l	98
45) 1,2-Dichloropropane	7.434	63	94993	43.766	ug/l	100
46) Dibromomethane	7.586	93	74994	46.165	ug/l	91
47) Bromodichloromethane	7.824	83	140344	46.242	ug/l #	97
48) Methyl methacrylate	7.696	41	87124	43.090	ug/l #	85
49) 1,4-Dioxane	7.696	88	62173	1010.961	ug/l	90
51) 4-Methyl-2-Pentanone	8.580	43	581048	225.683	ug/l	88
52) Toluene	8.720	92	255883	46.597	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	140287	46.684	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	152361	45.343	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	108562	46.502	ug/l	96
56) Ethyl methacrylate	9.122	69	152240	47.701	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	168233	45.576	ug/l	100
59) 2-Hexanone	9.433	43	450926	231.602	ug/l	87
60) Dibromochloromethane	9.525	129	122639	50.592	ug/l	99
61) 1,2-Dibromoethane	9.610	107	119995	48.686	ug/l	99
64) Tetrachloroethene	9.275	164	126891	48.598	ug/l	97
65) Chlorobenzene	10.079	112	281986	45.150	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	110565	47.943	ug/l	97
67) Ethyl Benzene	10.195	91	493486	46.121	ug/l	98
68) m/p-Xylenes	10.305	106	390178	92.977	ug/l	100
69) o-Xylene	10.646	106	193175	46.936	ug/l	99
70) Styrene	10.659	104	320074	48.055	ug/l	99
71) Bromoform	10.799	173	94256	52.563	ug/l	99
73) Isopropylbenzene	10.963	105	497801	43.580	ug/l	99
74) N-amyl acetate	10.841	43	132483	38.424	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	11.213	83	152549	41.762	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	150523m	44.936	ug/l	
77) Bromobenzene	11.201	156	130222	44.217	ug/l	86
78) n-propylbenzene	11.305	91	562926	43.270	ug/l	97
79) 2-Chlorotoluene	11.366	91	340303	42.480	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	424953	44.208	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	45060	42.276	ug/l	91
82) 4-Chlorotoluene	11.457	91	384423	42.887	ug/l	98
83) tert-Butylbenzene	11.719	119	406815	42.522	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	426827	44.674	ug/l	99
85) sec-Butylbenzene	11.890	105	527061	42.060	ug/l	99
86) p-Isopropyltoluene	12.012	119	481680	48.536	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	239007	42.368	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	249716	44.449	ug/l	97
89) n-Butylbenzene	12.335	91	370639	41.420	ug/l	99
90) Hexachloroethane	12.542	117	84267	46.854	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	245467	42.425	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37511	42.148	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	175686	47.979	ug/l	99
94) Hexachlorobutadiene	13.725	225	69945	43.627	ug/l	98
95) Naphthalene	13.780	128	633972	49.360	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	178548	46.484	ug/l	97

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

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