

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035547.D
 Acq On : 05 May 2023 19:31
 Operator : JC/MD
 Sample : 02597-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-20230503MS

Quant Time: May 08 00:53:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2023
 Supervised By : Mahesh Dadoda 05/08/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	204536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	370786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	149188	60.459	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 120.920%#			
35) Dibromofluoromethane	5.385	113	119364	52.450	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.900%			
50) Toluene-d8	8.647	98	390002	45.428	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.860%#			
62) 4-Bromofluorobenzene	11.079	95	155247	48.071	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	100250	46.321	ug/l	98
3) Chloromethane	1.294	50	121956	61.944	ug/l	99
4) Vinyl Chloride	1.374	62	112012	56.725	ug/l	99
5) Bromomethane	1.617	94	64562	49.192	ug/l	100
6) Chloroethane	1.691	64	59874	51.844	ug/l	98
7) Trichlorofluoromethane	1.886	101	147636	47.810	ug/l	100
8) Diethyl Ether	2.129	74	76024	67.523	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	91106	44.173	ug/l	96
10) Methyl Iodide	2.453	142	166160	63.834	ug/l	97
11) Tert butyl alcohol	2.995	59	203569	453.079	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	106547	53.634	ug/l	99
13) Acrolein	2.239	56	116864	264.484	ug/l	98
14) Allyl chloride	2.666	41	231376	66.184	ug/l	94
15) Acrylonitrile	3.062	53	468311	416.740	ug/l	99
16) Acetone	2.386	43	453520	423.169	ug/l	100
17) Carbon Disulfide	2.514	76	247975	52.071	ug/l	99
18) Methyl Acetate	2.703	43	343721	82.938	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	499925	73.353	ug/l	97
20) Methylene Chloride	2.788	84	154921	63.043	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	126578	58.668	ug/l	95
22) Diisopropyl ether	3.757	45	496855	71.820	ug/l	94
23) Vinyl Acetate	3.721	43	1784055	375.176	ug/l	99
24) 1,1-Dichloroethane	3.611	63	256015	65.700	ug/l	100
25) 2-Butanone	4.556	43	674044	430.895	ug/l	97
26) 2,2-Dichloropropane	4.477	77	160790	52.669	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	164675	64.932	ug/l	93
28) Bromochloromethane	4.897	49	105442	63.496	ug/l	91
29) Tetrahydrofuran	5.007	42	424045	422.868	ug/l	97
30) Chloroform	5.092	83	263419	66.963	ug/l	99
31) Cyclohexane	5.470	56	157966	45.128	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	196436	56.979	ug/l	98
36) 1,1-Dichloropropene	5.696	75	156374	44.005	ug/l	97
37) Ethyl Acetate	4.714	43	236116	72.751	ug/l	97
38) Carbon Tetrachloride	5.684	117	156139	46.286	ug/l	98
39) Methylcyclohexane	7.379	83	148557	34.345	ug/l	97
40) Benzene	6.037	78	581587	57.053	ug/l	98

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41) Methacrylonitrile	4.922	41	135634	72.934	ug/l	97
42) 1,2-Dichloroethane	6.086	62	223217	61.415	ug/l	98
43) Isopropyl Acetate	6.336	43	382037	70.053	ug/l	96
44) Trichloroethene	7.122	130	145093	51.668	ug/l	99
45) 1,2-Dichloropropane	7.433	63	152399	59.300	ug/l	100
46) Dibromomethane	7.580	93	109696	62.156	ug/l	94
47) Bromodichloromethane	7.824	83	198725	61.115	ug/l	99
48) Methyl methacrylate	7.689	41	192196	71.846	ug/l	94
49) 1,4-Dioxane	7.702	88	91990	1410.748	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	1242820	370.941	ug/l	97
52) Toluene	8.720	92	340536	52.702	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	218360	64.303	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	235329	61.311	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	159228	61.815	ug/l	98
56) Ethyl methacrylate	9.116	69	259139	67.533	ug/l	92
57) 1,3-Dichloropropane	9.311	76	267815	60.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.366	63	1427	0.744	ug/l #	47
59) 2-Hexanone	9.433	43	954480	379.210	ug/l	96
60) Dibromochloromethane	9.524	129	158643	64.280	ug/l	98
61) 1,2-Dibromoethane	9.610	107	167427	63.050	ug/l	100
64) Tetrachloroethene	9.275	164	99861	38.827	ug/l	96
65) Chlorobenzene	10.079	112	368860	50.755	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	143943	56.911	ug/l	99
67) Ethyl Benzene	10.195	91	607279	48.252	ug/l	98
68) m/p-Xylenes	10.299	106	473045	98.090	ug/l	98
69) o-Xylene	10.640	106	239853	50.720	ug/l	99
70) Styrene	10.652	104	411216	53.631	ug/l	96
71) Bromoform	10.799	173	113146	64.314	ug/l	99
73) Isopropylbenzene	10.963	105	560083	48.299	ug/l	100
74) N-amyl acetate	10.841	43	319585	73.335	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	246641	68.525	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	205909m	65.069	ug/l	
77) Bromobenzene	11.195	156	163675	56.781	ug/l	94
78) n-propylbenzene	11.305	91	615200	46.193	ug/l	99
79) 2-Chlorotoluene	11.366	91	417295	50.142	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	478125	48.899	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	67051	68.627	ug/l	99
82) 4-Chlorotoluene	11.451	91	479524	51.302	ug/l	98
83) tert-Butylbenzene	11.713	119	465547	47.453	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	493751	50.257	ug/l	100
85) sec-Butylbenzene	11.890	105	510151	42.392	ug/l	99
86) p-Isopropyltoluene	12.006	119	453573	44.316	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	277381	50.635	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	282627	49.207	ug/l	99
89) n-Butylbenzene	12.335	91	349208	40.417	ug/l	99
90) Hexachloroethane	12.536	117	72921	46.543	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	290061	52.941	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	56023	77.624	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	162541	47.197	ug/l	98
94) Hexachlorobutadiene	13.725	225	52419	34.681	ug/l	99
95) Naphthalene	13.774	128	1148246	108.303	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	166648	48.069	ug/l	98

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

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