

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023131.D
 Acq On : 03 Jul 2021 00:35
 Operator : JC/MD
 Sample : M2907-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13B-063021MS

Manual Integrations
 APPROVED

SAM
 7/6/2021 1:52:53 PM

Quant Time: Jul 05 03:01:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	280299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	460440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	429075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	191108	50.729	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.460%			
35) Dibromofluoromethane	5.397	113	144214	48.503	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.000%			
50) Toluene-d8	8.653	98	533832	48.131	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.260%			
62) 4-Bromofluorobenzene	11.085	95	210539	49.170	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	138112	54.380	ug/l	100
3) Chloromethane	1.294	50	129355	51.478	ug/l	100
4) Vinyl Chloride	1.374	62	142585	53.565	ug/l	99
5) Bromomethane	1.599	94	65195	47.541	ug/l	97
6) Chloroethane	1.678	64	91776	52.727	ug/l	99
7) Trichlorofluoromethane	1.886	101	240336	51.953	ug/l	98
8) Diethyl Ether	2.142	74	88713	51.957	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	139825	51.649	ug/l	98
10) Methyl Iodide	2.453	142	151706	45.636	ug/l	94
11) Tert butyl alcohol	2.983	59	196644	248.123	ug/l	98
12) 1,1-Dichloroethene	2.319	96	133455	53.412	ug/l	94
13) Acrolein	2.239	56	124990	236.839	ug/l	99
14) Allyl chloride	2.666	41	230180	53.015	ug/l	91
15) Acrylonitrile	3.074	53	417821	271.131	ug/l	98
16) Acetone	2.392	43	393735	264.176	ug/l	93
17) Carbon Disulfide	2.514	76	272731	51.755	ug/l	100
18) Methyl Acetate	2.715	43	174778	48.309	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	501897	53.708	ug/l	99
20) Methylene Chloride	2.794	84	154086	48.018	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	139977	51.872	ug/l	95
22) Diisopropyl ether	3.769	45	484228	52.900	ug/l	95
23) Vinyl Acetate	3.733	43	1906611	246.103	ug/l	95
24) 1,1-Dichloroethane	3.617	63	272387	52.666	ug/l	99
25) 2-Butanone	4.568	43	605763	269.530	ug/l	91
26) 2,2-Dichloropropane	4.489	77	176569	40.675	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	169961	51.999	ug/l	98
28) Bromochloromethane	4.910	49	122386	49.878	ug/l	95
29) Tetrahydrofuran	5.019	42	383876	265.710	ug/l	92
30) Chloroform	5.105	83	295113	52.822	ug/l	99
31) Cyclohexane	5.476	56	224175	49.700	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	262547	53.957	ug/l	98
36) 1,1-Dichloropropene	5.702	75	202204	49.261	ug/l	99
37) Ethyl Acetate	4.727	43	211706	47.279	ug/l	95
38) Carbon Tetrachloride	5.684	117	225701	52.678	ug/l	98
39) Methylcyclohexane	7.385	83	229127	47.727	ug/l	97
40) Benzene	6.050	78	601627	50.483	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	127645	50.992	ug/l	93
42) 1,2-Dichloroethane	6.098	62	248771	51.949	ug/l	94
43) Isopropyl Acetate	6.354	43	361807	48.578	ug/l	93
44) Trichloroethene	7.135	130	163618	48.398	ug/l	99
45) 1,2-Dichloropropane	7.440	63	158384	50.911	ug/l	100
46) Dibromomethane	7.586	93	113506	51.088	ug/l	96
47) Bromodichloromethane	7.830	83	216777	53.440	ug/l	97
48) Methyl methacrylate	7.702	41	189806	51.935	ug/l	88
49) 1,4-Dioxane	7.665	88	84394	1026.044	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1215793	263.429	ug/l	92
52) Toluene	8.726	92	390873	50.679	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	231075	45.331	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	241502	45.440	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	167599	51.748	ug/l	97
56) Ethyl methacrylate	9.122	69	261347	52.220	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	269712	50.383	ug/l	100
59) 2-Hexanone	9.433	43	942583	266.179	ug/l	89
60) Dibromochloromethane	9.525	129	166018	46.162	ug/l	100
61) 1,2-Dibromoethane	9.616	107	174366	52.456	ug/l	99
64) Tetrachloroethene	9.281	164	154874	45.255	ug/l	95
65) Chlorobenzene	10.085	112	427395	50.390	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	164428	53.616	ug/l	99
67) Ethyl Benzene	10.201	91	778504	51.921	ug/l	99
68) m/p-Xylenes	10.305	106	594448	103.843	ug/l	97
69) o-Xylene	10.646	106	297578	51.580	ug/l	99
70) Styrene	10.658	104	498689	52.917	ug/l	98
71) Bromoform	10.805	173	116507	45.123	ug/l #	99
73) Isopropylbenzene	10.963	105	789619	51.268	ug/l	100
74) N-amyl acetate	10.847	43	309000	47.280	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.219	83	256094	52.335	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	228137m	51.855	ug/l	
77) Bromobenzene	11.201	156	191297	49.747	ug/l	98
78) n-propylbenzene	11.305	91	907997	50.983	ug/l	99
79) 2-Chlorotoluene	11.366	91	558139	50.707	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	683008	51.504	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	66003	42.666	ug/l	89
82) 4-Chlorotoluene	11.457	91	645980	51.969	ug/l	99
83) tert-Butylbenzene	11.719	119	660312	52.459	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	681879	52.032	ug/l	98
85) sec-Butylbenzene	11.896	105	828516	51.155	ug/l	99
86) p-Isopropyltoluene	12.012	119	698670	51.425	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	360589	49.936	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	360765	49.618	ug/l	98
89) n-Butylbenzene	12.335	91	594846	49.981	ug/l	98
90) Hexachloroethane	12.542	117	105883	45.825	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	358320	49.882	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59082	49.258	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	220631	49.861	ug/l	98
94) Hexachlorobutadiene	13.731	225	88395	47.181	ug/l	99
95) Naphthalene	13.780	128	786106	48.210	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	226990	51.005	ug/l	99

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

