

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017241.D
 Acq On : 08 Jul 2020 06:39
 Operator : JC/SP
 Sample : L3232-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MSD

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:32:07 AM

Quant Time: Jul 08 07:21:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	253387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	381377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	370137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	154862	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	5.46	113	124919	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
50) Toluene-d8	8.70	98	447900	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.12	95	184018	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118715	48.428	ug/l	100
3) Chloromethane	1.31	50	123565	41.643	ug/l	100
4) Vinyl Chloride	1.39	62	137153	49.819	ug/l	99
5) Bromomethane	1.62	94	70051	48.161	ug/l	100
6) Chloroethane	1.70	64	83150	51.139	ug/l	100
7) Trichlorofluoromethane	1.91	101	226494	55.627	ug/l	99
8) Diethyl Ether	2.17	74	77765	56.714	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	125174	51.294	ug/l	96
10) Methyl Iodide	2.49	142	127911	40.621	ug/l	99
11) Tert butyl alcohol	3.02	59	172019	288.661	ug/l	99
12) 1,1-Dichloroethene	2.35	96	125184	49.936	ug/l	97
13) Acrolein	2.27	56	115444	324.072	ug/l	96
14) Allyl chloride	2.70	41	210271	45.386	ug/l	97
15) Acrylonitrile	3.12	53	374996	261.765	ug/l	100
16) Acetone	2.42	43	334680	286.402	ug/l	97
17) Carbon Disulfide	2.55	76	335298	47.931	ug/l	100
18) Methyl Acetate	2.75	43	144155	47.255	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	452008	53.723	ug/l	99
20) Methylene Chloride	2.84	84	139992	52.270	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	144226	51.842	ug/l	99
22) Diisopropyl ether	3.82	45	437268	50.994	ug/l	98
23) Vinyl Acetate	3.79	43	1611146	218.655	ug/l	100
24) 1,1-Dichloroethane	3.67	63	246963	50.617	ug/l	99
25) 2-Butanone	4.63	43	521218	267.684	ug/l	100
26) 2,2-Dichloropropane	4.55	77	149360	34.477	ug/l	89
27) cis-1,2-Dichloroethene	4.56	96	316249	100.326	ug/l	93
28) Bromochloromethane	4.98	49	111205	46.838	ug/l	94
29) Tetrahydrofuran	5.09	42	336786	261.782	ug/l	99
30) Chloroform	5.18	83	263226	52.629	ug/l	97
31) Cyclohexane	5.55	56	202178	47.940	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	244387	53.056	ug/l	99
36) 1,1-Dichloropropene	5.77	75	187887	52.126	ug/l	99
37) Ethyl Acetate	4.79	43	172610	47.198	ug/l	99
38) Carbon Tetrachloride	5.76	117	224271	56.490	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	200454	49.983	ug/l	98
40) Benzene	6.11	78	557604	52.651	ug/l	100
41) Methacrylonitrile	5.01	41	112692	54.749	ug/l	99
42) 1,2-Dichloroethane	6.16	62	215798	56.412	ug/l	99
43) Isopropyl Acetate	6.42	43	293351	48.272	ug/l	99
44) Trichloroethene	7.19	130	354412	121.716	ug/l	99
45) 1,2-Dichloropropane	7.49	63	144314	53.055	ug/l	99
46) Dibromomethane	7.64	93	102425	55.154	ug/l	97
47) Bromodichloromethane	7.88	83	216810	56.652	ug/l	97
48) Methyl methacrylate	7.74	41	161462	55.923	ug/l	98
49) 1,4-Dioxane	7.71	88	79986	1222.865	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1018230	281.081	ug/l	100
52) Toluene	8.76	92	358038	54.149	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	215395	51.011	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	223961	49.477	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	153519	56.827	ug/l	97
56) Ethyl methacrylate	9.16	69	217440	56.549	ug/l	99
57) 1,3-Dichloropropane	9.35	76	252725	55.286	ug/l	99
59) 2-Hexanone	9.48	43	789145	298.278	ug/l	100
60) Dibromochloromethane	9.57	129	186379	59.399	ug/l	99
61) 1,2-Dibromoethane	9.65	107	164081	56.504	ug/l	100
64) Tetrachloroethene	9.32	164	596525	199.691	ug/l	98
65) Chlorobenzene	10.12	112	400722	52.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	162101	55.059	ug/l	99
67) Ethyl Benzene	10.23	91	685916	53.764	ug/l	99
68) m/p-Xylenes	10.34	106	540248	110.286	ug/l	98
69) o-Xylene	10.68	106	255657	54.861	ug/l	99
70) Stvrene	10.69	104	457912	57.704	ug/l	99
71) Bromoform	10.84	173	146788	62.873	ug/l #	99
73) Isopropylbenzene	11.00	105	701938	51.708	ug/l	99
74) N-amyl acetate	10.88	43	253056	43.688	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	220708	51.687	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	209270m	51.349	ug/l	
77) Bromobenzene	11.24	156	194048	52.011	ug/l	97
78) n-propylbenzene	11.34	91	803177	52.321	ug/l	99
79) 2-Chlorotoluene	11.40	91	486282	52.341	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	604172	53.656	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	71182	45.231	ug/l	96
82) 4-Chlorotoluene	11.49	91	587450	52.893	ug/l	99
83) tert-Butylbenzene	11.76	119	600768	54.351	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	623312	54.564	ug/l	99
85) sec-Butylbenzene	11.93	105	673381	51.826	ug/l	99
86) p-Isopropyltoluene	12.05	119	648885	53.646	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	352735	52.056	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	350001	54.790	ug/l	99
89) n-Butylbenzene	12.37	91	533554	49.402	ug/l	100
90) Hexachloroethane	12.58	117	124511	52.200	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	336392	53.110	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52934	51.964	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	219980	50.884	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	83563	50.915	ug/l	98
95) Naphthalene	13.82	128	716166	54.490	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	217545	51.997	ug/l	98

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

