

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016105.D
 Acq On : 07 May 2020 19:28
 Operator : JC/SP
 Sample : L2543-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MS

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:51:01 AM

Quant Time: May 08 04:35:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	278448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	458062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219127	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	176042	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	5.47	113	137609	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
50) Toluene-d8	8.70	98	535755	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.12	95	208751	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	142685	48.412	ug/l	99
3) Chloromethane	1.31	50	164291	47.999	ug/l	100
4) Vinyl Chloride	1.39	62	183379	50.217	ug/l	97
5) Bromomethane	1.62	94	88285	47.954	ug/l	97
6) Chloroethane	1.71	64	108325	48.753	ug/l	99
7) Trichlorofluoromethane	1.92	101	227720	47.499	ug/l	100
8) Diethyl Ether	2.17	74	95403	47.229	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	131687	47.610	ug/l	99
10) Methyl Iodide	2.49	142	171111	46.055	ug/l	99
11) Tert butyl alcohol	3.02	59	216379	233.531	ug/l	100
12) 1,1-Dichloroethene	2.36	96	138819	47.960	ug/l	95
13) Acrolein	2.27	56	116931	201.673	ug/l	99
14) Allyl chloride	2.71	41	255052	48.058	ug/l	98
15) Acrylonitrile	3.12	53	479222	249.317	ug/l	99
16) Acetone	2.42	43	397509	243.142	ug/l	96
17) Carbon Disulfide	2.55	76	415103	47.746	ug/l	99
18) Methyl Acetate	2.75	43	189086	47.039	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	507177	50.829	ug/l	100
20) Methylene Chloride	2.84	84	161280	47.853	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	154213	47.810	ug/l	96
22) Diisopropyl ether	3.82	45	503101	50.248	ug/l	97
23) Vinyl Acetate	3.79	43	2096788	238.036	ug/l	100
24) 1,1-Dichloroethane	3.67	63	281336	50.231	ug/l	99
25) 2-Butanone	4.64	43	662914	251.632	ug/l	100
26) 2,2-Dichloropropane	4.55	77	218837	42.783	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	314322	89.136	ug/l	94
28) Bromochloromethane	4.98	49	121979	47.761	ug/l	99
29) Tetrahydrofuran	5.09	42	433701	248.454	ug/l	99
30) Chloroform	5.18	83	278480	49.937	ug/l	99
31) Cyclohexane	5.55	56	247998	48.721	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	253913	50.091	ug/l	100
36) 1,1-Dichloropropene	5.77	75	210688	46.726	ug/l	99
37) Ethyl Acetate	4.79	43	237654	45.475	ug/l	100
38) Carbon Tetrachloride	5.76	117	222891	48.634	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	247996	45.671	ug/l	99
40) Benzene	6.12	78	646735	49.021	ug/l	99
41) Methacrylonitrile	5.01	41	139214	49.326	ug/l	99
42) 1,2-Dichloroethane	6.17	62	228491	48.077	ug/l	100
43) Isopropyl Acetate	6.42	43	388673	46.613	ug/l	99
44) Trichloroethene	7.19	130	211685	45.164	ug/l	98
45) 1,2-Dichloropropane	7.49	63	168795	50.563	ug/l	99
46) Dibromomethane	7.64	93	109283	48.172	ug/l	99
47) Bromodichloromethane	7.88	83	227367	49.210	ug/l	99
48) Methyl methacrylate	7.75	41	191008	48.343	ug/l	98
49) 1,4-Dioxane	7.71	88	80542	849.955	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1271182	249.126	ug/l	100
52) Toluene	8.77	92	403278	49.040	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	261675	47.501	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	272201	47.306	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	162288	50.160	ug/l	98
56) Ethyl methacrylate	9.16	69	263110	49.820	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278957	49.413	ug/l	100
59) 2-Hexanone	9.48	43	989237	246.867	ug/l	99
60) Dibromochloromethane	9.57	129	182270	51.152	ug/l	99
61) 1,2-Dibromoethane	9.65	107	175439	50.061	ug/l	99
64) Tetrachloroethene	9.32	164	241536	45.354	ug/l	98
65) Chlorobenzene	10.12	112	919122	101.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	162021	48.258	ug/l	100
67) Ethyl Benzene	10.24	91	773475	47.724	ug/l	100
68) m/p-Xylenes	10.34	106	583474	96.088	ug/l	100
69) o-Xylene	10.68	106	280698	48.090	ug/l	100
70) Styrene	10.70	104	483969	48.874	ug/l	100
71) Bromoform	10.84	173	135230	49.438	ug/l	99
73) Isopropylbenzene	11.01	105	765220	48.012	ug/l	100
74) N-amyl acetate	10.88	43	332571	44.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	172224	54.406	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	235498m	47.360	ug/l	
77) Bromobenzene	11.24	156	189805	46.138	ug/l	99
78) n-propylbenzene	11.35	91	866716	46.745	ug/l	100
79) 2-Chlorotoluene	11.40	91	511117	46.701	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	638770	47.468	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	95280	45.663	ug/l	99
82) 4-Chlorotoluene	11.49	91	604629	46.783	ug/l	100
83) tert-Butylbenzene	11.76	119	592007	51.048	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	644016	47.337	ug/l	99
85) sec-Butylbenzene	11.93	105	779921	49.809	ug/l	97
86) p-Isopropyltoluene	12.05	119	671438	46.185	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	340514	46.099	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	343750	45.850	ug/l	100
89) n-Butylbenzene	12.37	91	606165	45.641	ug/l	100
90) Hexachloroethane	12.58	117	117423	47.030	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	328591	46.199	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60960	46.515	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	239301	45.444	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	105156	46.414	ug/l	98
95) Naphthalene	13.82	128	806526	47.301	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	237818	46.211	ug/l	98

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

