

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\
 Data File : VX016416.D
 Acq On : 22 May 2020 16:44
 Operator : JC/SP
 Sample : L2743-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MS

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 11:43:59 AM

Quant Time: May 23 03:39:59 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	5.63	168	211568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	338047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	316939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	165932	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	128340	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	
35) Dibromofluoromethane	5.47	113	108479	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
50) Toluene-d8	8.70	98	414495	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.12	95	164908	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	104746	46.774	ug/l	99
3) Chloromethane	1.31	50	116424	44.767	ug/l	99
4) Vinyl Chloride	1.39	62	129012	46.497	ug/l	100
5) Bromomethane	1.62	94	49401	35.316	ug/l	99
6) Chloroethane	1.70	64	77021	45.622	ug/l	100
7) Trichlorofluoromethane	1.91	101	176375	48.419	ug/l	99
8) Diethyl Ether	2.17	74	71221	46.403	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.36	101	97766	46.519	ug/l	98
10) Methyl Iodide	2.49	142	96103	34.043	ug/l	99
11) Tert butyl alcohol	3.03	59	158191	224.701	ug/l	99
12) 1,1-Dichloroethene	2.35	96	102295	46.513	ug/l	96
13) Acrolein	2.27	56	100422	227.950	ug/l	99
14) Allyl chloride	2.70	41	169656	42.072	ug/l	93
15) Acrylonitrile	3.12	53	344941	236.186	ug/l	99
16) Acetone	2.42	43	263997	212.523	ug/l	93
17) Carbon Disulfide	2.55	76	285505	43.201	ug/l	100
18) Methyl Acetate	2.75	43	136625	44.732	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	377601	49.805	ug/l	99
20) Methylene Chloride	2.84	84	121455	47.429	ug/l	90
21) trans-1,2-Dichloroethene	3.14	96	118972	48.544	ug/l	90
22) Diisopropyl ether	3.82	45	346277	45.518	ug/l	96
23) Vinyl Acetate	3.79	43	1486115	222.041	ug/l	96
24) 1,1-Dichloroethane	3.67	63	205155	48.208	ug/l	99
25) 2-Butanone	4.64	43	457730	228.672	ug/l	95
26) 2,2-Dichloropropane	4.55	77	167412	43.076	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	139347	52.008	ug/l	93
28) Bromochloromethane	4.98	49	81421	41.959	ug/l	89
29) Tetrahydrofuran	5.09	42	301134	227.044	ug/l	92
30) Chloroform	5.18	83	212422	50.133	ug/l	97
31) Cyclohexane	5.55	56	171677	44.389	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	194079	50.390	ug/l	97
36) 1,1-Dichloropropene	5.77	75	156153	46.927	ug/l	99
37) Ethyl Acetate	4.79	43	169836	44.036	ug/l	96
38) Carbon Tetrachloride	5.76	117	170575	50.432	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	169073	42.191	ug/l	99
40) Benzene	6.12	78	486347	49.951	ug/l	99
41) Methacrylonitrile	5.01	41	95093	45.655	ug/l	94
42) 1,2-Dichloroethane	6.17	62	163713	46.677	ug/l	97
43) Isopropyl Acetate	6.42	43	270309	43.927	ug/l	95
44) Trichloroethene	7.19	130	146823	42.447	ug/l	100
45) 1,2-Dichloropropane	7.49	63	122063	49.546	ug/l	100
46) Dibromomethane	7.64	93	83701	49.994	ug/l	97
47) Bromodichloromethane	7.88	83	171171	50.200	ug/l	95
48) Methyl methacrylate	7.75	41	129069	44.264	ug/l	90
49) 1,4-Dioxane	7.72	88	64695	925.106	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	883133	234.523	ug/l	95
52) Toluene	8.77	92	311618	51.347	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	197069	48.473	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	202516	47.690	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	125372	52.507	ug/l	97
56) Ethyl methacrylate	9.16	69	199468	51.179	ug/l	89
57) 1,3-Dichloropropane	9.35	76	209150	50.200	ug/l	99
59) 2-Hexanone	9.48	43	690264	233.413	ug/l	94
60) Dibromochloromethane	9.57	129	142935	54.354	ug/l	99
61) 1,2-Dibromoethane	9.65	107	134996	52.196	ug/l	99
64) Tetrachloroethene	9.32	164	161151	41.418	ug/l	97
65) Chlorobenzene	10.12	112	336019	50.633	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	129792	52.915	ug/l	100
67) Ethyl Benzene	10.24	91	590584	49.877	ug/l	100
68) m/p-Xylenes	10.34	106	456240	102.841	ug/l	99
69) o-Xylene	10.68	106	219975	51.584	ug/l	99
70) Styrene	10.70	104	385432	53.277	ug/l	99
71) Bromoform	10.84	173	114200	57.145	ug/l #	99
73) Isopropylbenzene	11.01	105	576081	47.732	ug/l	99
74) N-amyl acetate	10.88	43	231886	41.191	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	163484	66.259	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	181139m	48.106	ug/l	
77) Bromobenzene	11.24	156	152176	48.850	ug/l	97
78) n-propylbenzene	11.35	91	650948	46.363	ug/l	99
79) 2-Chlorotoluene	11.40	91	399846	48.246	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	488398	47.928	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	73920	46.783	ug/l	94
82) 4-Chlorotoluene	11.49	91	474070	48.440	ug/l	100
83) tert-Butylbenzene	11.76	119	426290	48.542	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	500456	48.578	ug/l	100
85) sec-Butylbenzene	11.93	105	516918	43.596	ug/l	99
86) p-Isopropyltoluene	12.05	119	484718	44.030	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	271115	48.470	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	270165	47.588	ug/l	99
89) n-Butylbenzene	12.37	91	397970	39.571	ug/l	100
90) Hexachloroethane	12.58	117	85279	45.106	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	258799	48.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46511	46.868	ug/l	92
93) 1,2,4-Trichlorobenzene	13.63	180	170259	42.698	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	58398	34.178	ug/l	98
95) Naphthalene	13.82	128	602916	46.696	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	165083	42.361	ug/l	98

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

