

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\
 Data File : VX016417.D
 Acq On : 22 May 2020 17:07
 Operator : JC/SP
 Sample : L2743-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-200521MSD

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 11:43:57 AM

Quant Time: May 23 03:44:26 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	161456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	296268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	291692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	146375	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	120343	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	
35) Dibromofluoromethane	5.46	113	99964	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	8.70	98	355725	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.12	95	146994	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	57419	33.599	ug/l	99
3) Chloromethane	1.31	50	93542	47.132	ug/l	100
4) Vinyl Chloride	1.39	62	94739	44.742	ug/l	99
5) Bromomethane	1.62	94	46780	43.822	ug/l	96
6) Chloroethane	1.70	64	63948	49.635	ug/l	99
7) Trichlorofluoromethane	1.91	101	108458	39.015	ug/l	99
8) Diethyl Ether	2.17	74	66157	56.482	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	54717	34.116	ug/l	97
10) Methyl Iodide	2.49	142	85575	39.723	ug/l	99
11) Tert butyl alcohol	3.02	59	151205	281.440	ug/l	99
12) 1,1-Dichloroethene	2.35	96	74652	44.479	ug/l	97
13) Acrolein	2.27	56	101246	301.151	ug/l	98
14) Allyl chloride	2.70	41	147693	47.994	ug/l	93
15) Acrylonitrile	3.12	53	331160	297.127	ug/l	99
16) Acetone	2.42	43	250153	263.881	ug/l	91
17) Carbon Disulfide	2.54	76	214694	42.566	ug/l	99
18) Methyl Acetate	2.75	43	130474	55.977	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	356253	61.574	ug/l	99
20) Methylene Chloride	2.83	84	109319	55.939	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	97467	52.113	ug/l	93
22) Diisopropyl ether	3.82	45	313448	53.991	ug/l	94
23) Vinyl Acetate	3.79	43	1394352	272.992	ug/l	96
24) 1,1-Dichloroethane	3.67	63	179068	55.138	ug/l	99
25) 2-Butanone	4.64	43	438194	286.857	ug/l	95
26) 2,2-Dichloropropane	4.55	77	131413	44.308	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	124906	61.088	ug/l	92
28) Bromochloromethane	4.98	49	74983	50.634	ug/l #	13
29) Tetrahydrofuran	5.09	42	289098	285.622	ug/l	92
30) Chloroform	5.18	83	190763	58.995	ug/l	97
31) Cyclohexane	5.54	56	97436	33.012	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	148761	50.612	ug/l	98
36) 1,1-Dichloropropene	5.77	75	114635	39.308	ug/l	99
37) Ethyl Acetate	4.79	43	161462	47.768	ug/l	96
38) Carbon Tetrachloride	5.76	117	122234	41.236	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	88036	25.067	ug/l	96
40) Benzene	6.11	78	423450	49.625	ug/l	99
41) Methacrylonitrile	5.01	41	90792	49.737	ug/l	95
42) 1,2-Dichloroethane	6.17	62	154400	50.229	ug/l	97
43) Isopropyl Acetate	6.42	43	258763	47.980	ug/l	95
44) Trichloroethene	7.19	130	123617	40.778	ug/l	94
45) 1,2-Dichloropropane	7.49	63	111495	51.638	ug/l	99
46) Dibromomethane	7.64	93	79424	54.129	ug/l	98
47) Bromodichloromethane	7.88	83	160118	53.580	ug/l	99
48) Methyl methacrylate	7.74	41	124771	48.824	ug/l	91
49) 1,4-Dioxane	7.72	88	62667	1022.473	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	846789	256.582	ug/l	94
52) Toluene	8.77	92	270560	50.869	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	185650	52.104	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	192248	51.657	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	121352	57.991	ug/l	99
56) Ethyl methacrylate	9.16	69	193712	56.711	ug/l #	88
57) 1,3-Dichloropropane	9.35	76	202262	55.393	ug/l	100
59) 2-Hexanone	9.48	43	663416	255.970	ug/l	94
60) Dibromochloromethane	9.57	129	136246	59.116	ug/l	100
61) 1,2-Dibromoethane	9.65	107	129870	57.295	ug/l	100
64) Tetrachloroethene	9.32	164	131579	36.745	ug/l	99
65) Chlorobenzene	10.12	112	302090	49.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	116685	51.688	ug/l	99
67) Ethyl Benzene	10.24	91	494109	45.341	ug/l	99
68) m/p-Xylenes	10.34	106	381806	93.512	ug/l	99
69) o-Xylene	10.68	106	190790	48.613	ug/l	99
70) Styrene	10.70	104	345276	51.857	ug/l	99
71) Bromoform	10.84	173	104657	56.903	ug/l #	99
73) Isopropylbenzene	11.01	105	450750	42.338	ug/l	99
74) N-amyl acetate	10.88	43	222079	44.720	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	155714	70.806	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	172768m	52.014	ug/l	
77) Bromobenzene	11.24	156	136949	49.835	ug/l	97
78) n-propylbenzene	11.35	91	503662	40.665	ug/l	100
79) 2-Chlorotoluene	11.40	91	338932	46.360	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	396826	44.145	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	70474	50.562	ug/l	93
82) 4-Chlorotoluene	11.49	91	400276	46.365	ug/l	100
83) tert-Butylbenzene	11.76	119	324358	41.870	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	413670	45.518	ug/l	100
85) sec-Butylbenzene	11.93	105	363660	34.768	ug/l	100
86) p-Isopropyltoluene	12.05	119	359942	37.065	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	232669	47.154	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	238323	47.588	ug/l	99
89) n-Butylbenzene	12.37	91	272707	30.739	ug/l	99
90) Hexachloroethane	12.58	117	65509	39.278	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	231516	48.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44346	50.656	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	137167	38.995	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	39269	26.178	ug/l	97
95) Naphthalene	13.82	128	547282	48.050	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136168	39.610	ug/l	99

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

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