

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021220\
 Data File : VX014932.D
 Acq On : 12 Feb 2020 17:39
 Operator : JC/SP
 Sample : L1495-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MSD

Manual Integrations
 APPROVED

MMDadoda
 2/13/2020 11:14:49 AM

Quant Time: Feb 13 04:54:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	422491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	644178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	607724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	334021	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	238066	49.93	ug/l	0.00
Spiked Amount						
			Recovery	=	99.86%	
35) Dibromofluoromethane	5.49	113	196953	49.73	ug/l	0.00
Spiked Amount						
			Recovery	=	99.46%	
50) Toluene-d8	8.71	98	754820	49.93	ug/l	0.00
Spiked Amount						
			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.13	95	275779	50.64	ug/l	0.00
Spiked Amount						
			Recovery	=	101.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	207965	51.977	ug/l	100
3) Chloromethane	1.32	50	231051	50.935	ug/l	100
4) Vinyl Chloride	1.40	62	247909	50.732	ug/l	97
5) Bromomethane	1.63	94	163632	51.733	ug/l	95
6) Chloroethane	1.72	64	156014	49.897	ug/l	99
7) Trichlorofluoromethane	1.92	101	344964	50.527	ug/l	96
8) Diethyl Ether	2.18	74	139680	49.336	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	195625	49.362	ug/l	98
10) Methyl Iodide	2.50	142	237916	53.515	ug/l	98
11) Tert butyl alcohol	3.03	59	219367	260.568	ug/l	100
12) 1,1-Dichloroethene	2.37	96	194570	50.243	ug/l	98
13) Acrolein	2.28	56	106133	165.406	ug/l	99
14) Allyl chloride	2.72	41	339866	49.501	ug/l	99
15) Acrylonitrile	3.13	53	557537	261.235	ug/l	99
16) Acetone	2.43	43	462403	177.358	ug/l	99
17) Carbon Disulfide	2.56	76	540132	49.920	ug/l	100
18) Methyl Acetate	2.76	43	246377	51.305	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	648775	51.477	ug/l	100
20) Methylene Chloride	2.85	84	219760	47.911	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	213539	49.974	ug/l	100
22) Diisopropyl ether	3.84	45	680339	51.882	ug/l	92
23) Vinyl Acetate	3.80	43	2345736	216.998	ug/l	99
24) 1,1-Dichloroethane	3.69	63	376372	50.855	ug/l	99
25) 2-Butanone	4.65	43	754914	232.557	ug/l	98
26) 2,2-Dichloropropane	4.58	77	294006	46.097	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	250161	52.373	ug/l	98
28) Bromochloromethane	5.00	49	153349	53.457	ug/l	100
29) Tetrahydrofuran	5.11	42	494736	268.103	ug/l	100
30) Chloroform	5.20	83	384931	52.423	ug/l	95
31) Cyclohexane	5.57	56	337283	50.036	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	321237	50.013	ug/l	99
36) 1,1-Dichloropropene	5.79	75	288781	50.115	ug/l	99
37) Ethyl Acetate	4.82	43	301285	50.130	ug/l	100
38) Carbon Tetrachloride	5.78	117	278577	49.608	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	345993	48.010	ug/l	100
40) Benzene	6.14	78	857185	49.787	ug/l	98
41) Methacrylonitrile	5.03	41	172329	53.225	ug/l	99
42) 1,2-Dichloroethane	6.19	62	307900	49.480	ug/l	100
43) Isopropyl Acetate	6.44	43	505098	50.946	ug/l	100
44) Trichloroethene	7.21	130	265622	53.145	ug/l	98
45) 1,2-Dichloropropane	7.51	63	221165	50.369	ug/l	99
46) Dibromomethane	7.65	93	149568	49.833	ug/l	99
47) Bromodichloromethane	7.89	83	295921	49.725	ug/l	99
48) Methyl methacrylate	7.76	41	252810	51.814	ug/l	99
49) 1,4-Dioxane	7.73	88	97174	1065.205	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1561631	260.858	ug/l	100
52) Toluene	8.78	92	545623	49.896	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	330792	50.719	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	355133	49.290	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	221825	50.139	ug/l	98
56) Ethyl methacrylate	9.17	69	352637	53.029	ug/l	99
57) 1,3-Dichloropropane	9.37	76	375127	50.371	ug/l	99
59) 2-Hexanone	9.48	43	1183427	251.500	ug/l	99
60) Dibromochloromethane	9.57	129	244154	51.281	ug/l	99
61) 1,2-Dibromoethane	9.67	107	237407	49.734	ug/l	98
64) Tetrachloroethene	9.33	164	241683	42.535	ug/l	98
65) Chlorobenzene	10.14	112	597288	48.457	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	224064	50.070	ug/l	100
67) Ethyl Benzene	10.25	91	1054263	50.291	ug/l	100
68) m/p-Xylenes	10.36	106	808361	100.098	ug/l	99
69) o-Xylene	10.70	106	385012	49.596	ug/l	99
70) Styrene	10.71	104	389345	29.647	ug/l	93
71) Bromoform	10.85	173	190025	50.873	ug/l #	99
73) Isopropylbenzene	11.01	105	1041393	49.716	ug/l	100
74) N-amyl acetate	10.89	43	444077	51.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	336775	49.183	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	278921m	46.178	ug/l	
77) Bromobenzene	11.25	156	277176	47.409	ug/l	99
78) n-propylbenzene	11.35	91	1179993	48.706	ug/l	100
79) 2-Chlorotoluene	11.42	91	689278	48.394	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	872094	49.828	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	111587	47.288	ug/l	98
82) 4-Chlorotoluene	11.51	91	813744	48.245	ug/l	100
83) tert-Butylbenzene	11.76	119	840537	50.714	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	883691	50.101	ug/l	100
85) sec-Butylbenzene	11.94	105	1012558	49.178	ug/l	100
86) p-Isopropyltoluene	12.06	119	943738	48.981	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	499504	47.624	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	496576	46.362	ug/l	99
89) n-Butylbenzene	12.39	91	835671	48.428	ug/l	100
90) Hexachloroethane	12.59	117	165656	49.233	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	495101	48.135	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	75425	46.952	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	366087	48.220	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	176015	47.933	ug/l	98
95) Naphthalene	13.83	128	1057890	52.408	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360248	49.114	ug/l	99

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

