

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042920\
 Data File : VX015984.D
 Acq On : 29 Apr 2020 17:56
 Operator : JC/SP
 Sample : L2405-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HW-7MSD

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 2:11:49 PM

Quant Time: Apr 30 08:29:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	267038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	403377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203562	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	171481	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
35) Dibromofluoromethane	5.47	113	129323	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
50) Toluene-d8	8.70	98	489160	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.12	95	193699	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	124039	51.908	ug/l	100
3) Chloromethane	1.31	50	141478	48.852	ug/l	98
4) Vinyl Chloride	1.39	62	164489	50.013	ug/l	100
5) Bromomethane	1.62	94	108426	49.107	ug/l	98
6) Chloroethane	1.71	64	108411	49.555	ug/l	100
7) Trichlorofluoromethane	1.92	101	240517	48.383	ug/l	99
8) Diethyl Ether	2.17	74	100107	48.236	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123255	49.741	ug/l	99
10) Methyl Iodide	2.49	142	176634	51.099	ug/l	100
11) Tert butyl alcohol	3.01	59	197233	232.719	ug/l	100
12) 1,1-Dichloroethene	2.36	96	125355	49.064	ug/l	97
13) Acrolein	2.27	56	62256	292.297	ug/l	99
14) Allyl chloride	2.71	41	233379	50.658	ug/l	100
15) Acrylonitrile	3.12	53	429413	255.533	ug/l	99
16) Acetone	2.42	43	383995	257.197	ug/l	97
17) Carbon Disulfide	2.55	76	366411	49.154	ug/l	100
18) Methyl Acetate	2.75	43	204847	48.351	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	468847	50.737	ug/l	99
20) Methylene Chloride	2.84	84	143136	48.430	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	137449	47.735	ug/l	98
22) Diisopropyl ether	3.82	45	463239	51.145	ug/l	98
23) Vinyl Acetate	3.79	43	1937766	246.286	ug/l	100
24) 1,1-Dichloroethane	3.67	63	255866	50.711	ug/l	99
25) 2-Butanone	4.64	43	610361	252.280	ug/l	100
26) 2,2-Dichloropropane	4.55	77	214464	46.488	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	160322	49.065	ug/l	100
28) Bromochloromethane	4.98	49	117573	48.154	ug/l	97
29) Tetrahydrofuran	5.09	42	397836	250.913	ug/l	99
30) Chloroform	5.18	83	264062	50.330	ug/l	100
31) Cyclohexane	5.55	56	226539	50.434	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	242365	50.172	ug/l	99
36) 1,1-Dichloropropene	5.77	75	195205	48.083	ug/l	98
37) Ethyl Acetate	4.79	43	224977	48.328	ug/l	100
38) Carbon Tetrachloride	5.76	117	215870	50.342	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	233605	49.746	ug/l	98
40) Benzene	6.12	78	578450	49.937	ug/l	99
41) Methacrylonitrile	5.01	41	126862	50.911	ug/l	98
42) 1,2-Dichloroethane	6.17	62	223428	49.780	ug/l	99
43) Isopropyl Acetate	6.42	43	373086	48.397	ug/l	100
44) Trichloroethene	7.19	130	193332	46.304	ug/l	97
45) 1,2-Dichloropropane	7.49	63	147877	49.396	ug/l	98
46) Dibromomethane	7.64	93	104285	49.024	ug/l	99
47) Bromodichloromethane	7.88	83	215335	50.940	ug/l	99
48) Methyl methacrylate	7.74	41	183292	51.498	ug/l	100
49) 1,4-Dioxane	7.71	88	72995	871.793	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1194963	255.557	ug/l	100
52) Toluene	8.77	92	369245	50.218	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	245704	48.986	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	253629	49.165	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	147953	50.351	ug/l	99
56) Ethyl methacrylate	9.16	69	240489	50.333	ug/l	99
57) 1,3-Dichloropropane	9.35	76	253116	50.134	ug/l	99
59) 2-Hexanone	9.48	43	929664	254.406	ug/l	100
60) Dibromochloromethane	9.57	129	167885	51.046	ug/l	99
61) 1,2-Dibromoethane	9.65	107	160679	50.426	ug/l	99
64) Tetrachloroethene	9.32	164	222637	46.526	ug/l	95
65) Chlorobenzene	10.12	112	396837	48.302	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	151849	48.902	ug/l	99
67) Ethyl Benzene	10.24	91	712668	48.709	ug/l	100
68) m/p-Xylenes	10.34	106	539061	97.096	ug/l	99
69) o-Xylene	10.68	106	264085	50.101	ug/l	100
70) Styrene	10.70	104	452662	50.048	ug/l	99
71) Bromoform	10.84	173	127804	45.460	ug/l #	100
73) Isopropylbenzene	11.01	105	705864	50.973	ug/l	100
74) N-amyl acetate	10.88	43	322382	48.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	160751	50.008	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	214796m	50.286	ug/l	
77) Bromobenzene	11.24	156	177954	49.923	ug/l	98
78) n-propylbenzene	11.35	91	813903	51.092	ug/l	100
79) 2-Chlorotoluene	11.41	91	477974	50.359	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	603008	51.693	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	90216	49.912	ug/l	98
82) 4-Chlorotoluene	11.49	91	572704	50.450	ug/l	99
83) tert-Butylbenzene	11.76	119	519678	51.668	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	609146	51.886	ug/l	99
85) sec-Butylbenzene	11.93	105	696897	51.427	ug/l	99
86) p-Isopropyltoluene	12.05	119	650094	51.216	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	319956	49.222	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	322327	49.064	ug/l	98
89) n-Butylbenzene	12.37	91	581808	50.729	ug/l	100
90) Hexachloroethane	12.58	117	115912	51.684	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	313742	50.474	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56812	49.692	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	222056	47.596	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	96851	46.463	ug/l	96
95) Naphthalene	13.82	128	734915	49.945	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	217664	48.452	ug/l	100

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

