

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042920\
 Data File : VX015983.D
 Acq On : 29 Apr 2020 17:33
 Operator : JC/SP
 Sample : L2405-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HW-7MS

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 2:11:46 PM

Quant Time: Apr 30 08:27:40 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	252250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	417552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	391594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199900	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	165152	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
35) Dibromofluoromethane	5.46	113	124831	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
50) Toluene-d8	8.70	98	467318	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.12	95	186028	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	124649	55.221	ug/l	98
3) Chloromethane	1.31	50	142653	52.146	ug/l	100
4) Vinyl Chloride	1.39	62	165601	53.303	ug/l	98
5) Bromomethane	1.62	94	107266	51.430	ug/l	99
6) Chloroethane	1.71	64	108798	52.647	ug/l	99
7) Trichlorofluoromethane	1.92	101	244287	52.022	ug/l	98
8) Diethyl Ether	2.17	74	101962	52.010	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123568	52.791	ug/l	99
10) Methyl Iodide	2.49	142	167844	51.403	ug/l	99
11) Tert butyl alcohol	3.01	59	198506	247.952	ug/l	99
12) 1,1-Dichloroethene	2.36	96	124181	51.454	ug/l	96
13) Acrolein	2.27	56	59543	295.948	ug/l	99
14) Allyl chloride	2.71	41	232431	53.409	ug/l	99
15) Acrylonitrile	3.12	53	428782	270.116	ug/l	99
16) Acetone	2.42	43	383309	271.789	ug/l	97
17) Carbon Disulfide	2.55	76	361126	51.296	ug/l	99
18) Methyl Acetate	2.75	43	204834	51.182	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	468263	53.644	ug/l	100
20) Methylene Chloride	2.84	84	142951	51.203	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	137250	50.460	ug/l	97
22) Diisopropyl ether	3.82	45	460707	53.847	ug/l	97
23) Vinyl Acetate	3.79	43	1941704	261.254	ug/l	100
24) 1,1-Dichloroethane	3.67	63	257373	54.000	ug/l	99
25) 2-Butanone	4.64	43	615988	269.532	ug/l	100
26) 2,2-Dichloropropane	4.56	77	215782	49.516	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	159646	51.722	ug/l	99
28) Bromochloromethane	4.98	49	114079	49.462	ug/l	98
29) Tetrahydrofuran	5.09	42	397369	265.311	ug/l	99
30) Chloroform	5.18	83	263387	53.144	ug/l	97
31) Cyclohexane	5.55	56	225847	53.227	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	240381	52.678	ug/l	100
36) 1,1-Dichloropropene	5.78	75	195994	49.283	ug/l	99
37) Ethyl Acetate	4.79	43	226941	49.765	ug/l	98
38) Carbon Tetrachloride	5.76	117	212793	50.658	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	230322	50.068	ug/l	96
40) Benzene	6.12	78	572770	50.476	ug/l	99
41) Methacrylonitrile	5.01	41	126658	51.888	ug/l	98
42) 1,2-Dichloroethane	6.17	62	224286	51.012	ug/l	99
43) Isopropyl Acetate	6.42	43	375130	49.676	ug/l	99
44) Trichloroethene	7.19	130	190907	46.676	ug/l	100
45) 1,2-Dichloropropane	7.49	63	148790	50.736	ug/l	98
46) Dibromomethane	7.64	93	103942	49.880	ug/l	99
47) Bromodichloromethane	7.88	83	214466	51.791	ug/l	99
48) Methyl methacrylate	7.74	41	182979	52.481	ug/l	99
49) 1,4-Dioxane	7.71	88	73990	902.086	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1197458	261.426	ug/l	100
52) Toluene	8.77	92	367627	51.039	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	243557	49.569	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	251804	49.828	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	146387	50.856	ug/l	98
56) Ethyl methacrylate	9.16	69	245112	52.369	ug/l	99
57) 1,3-Dichloropropane	9.35	76	252531	51.061	ug/l	99
59) 2-Hexanone	9.48	43	930967	260.070	ug/l	100
60) Dibromochloromethane	9.57	129	167854	52.100	ug/l	98
61) 1,2-Dibromoethane	9.65	107	158142	50.664	ug/l	98
64) Tetrachloroethene	9.32	164	217513	46.822	ug/l	98
65) Chlorobenzene	10.12	112	391995	49.148	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	151038	50.104	ug/l	99
67) Ethyl Benzene	10.24	91	712285	50.148	ug/l	99
68) m/p-Xylenes	10.34	106	534062	99.090	ug/l	99
69) o-Xylene	10.68	106	261350	51.074	ug/l	100
70) Styrene	10.70	104	450062	51.258	ug/l	99
71) Bromoform	10.84	173	127267	46.562	ug/l	100
73) Isopropylbenzene	11.00	105	704300	51.791	ug/l	100
74) N-amyl acetate	10.88	43	326084	49.719	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	160268	50.715	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	219974m	52.442	ug/l	
77) Bromobenzene	11.24	156	178458	50.982	ug/l	99
78) n-propylbenzene	11.35	91	808590	51.688	ug/l	99
79) 2-Chlorotoluene	11.41	91	475981	51.068	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	598535	52.250	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	89200	50.254	ug/l	100
82) 4-Chlorotoluene	11.49	91	573466	51.443	ug/l	100
83) tert-Butylbenzene	11.76	119	520501	52.698	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	607880	52.727	ug/l	98
85) sec-Butylbenzene	11.93	105	692478	52.037	ug/l	99
86) p-Isopropyltoluene	12.05	119	645148	51.758	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	315532	49.430	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	320127	49.622	ug/l	99
89) n-Butylbenzene	12.37	91	574583	51.017	ug/l	100
90) Hexachloroethane	12.58	117	113791	51.668	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	306567	50.224	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57755	51.443	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	218384	47.667	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	93870	45.858	ug/l	98
95) Naphthalene	13.82	128	736432	50.964	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	220642	50.015	ug/l	98

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

