

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101220\
 Data File : VX018921.D
 Acq On : 12 Oct 2020 22:03
 Operator : JC/SP
 Sample : L4303-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MS

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 2:19:17 PM

Quant Time: Oct 13 05:19:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	237091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	350233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	344555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196769	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158592	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
35) Dibromofluoromethane	5.46	113	119912	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	8.70	98	435336	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.12	95	172142	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	129014	46.146	ug/l	100
3) Chloromethane	1.31	50	108651	48.894	ug/l	98
4) Vinyl Chloride	1.39	62	122376	49.265	ug/l	99
5) Bromomethane	1.62	94	68869	49.780	ug/l	95
6) Chloroethane	1.71	64	81991	49.283	ug/l	94
7) Trichlorofluoromethane	1.92	101	223596	45.666	ug/l	98
8) Diethyl Ether	2.17	74	67191	49.258	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	108609	46.186	ug/l	98
10) Methyl Iodide	2.49	142	114724	46.719	ug/l	93
11) Tert butyl alcohol	3.01	59	136836	248.454	ug/l	99
12) 1,1-Dichloroethene	2.36	96	107361	49.080	ug/l	93
13) Acrolein	2.27	56	106547	232.518	ug/l	99
14) Allyl chloride	2.71	41	188653	47.520	ug/l	95
15) Acrylonitrile	3.11	53	302018	258.566	ug/l	99
16) Acetone	2.42	43	299495	226.416	ug/l	100
17) Carbon Disulfide	2.55	76	308455	48.042	ug/l	100
18) Methyl Acetate	2.75	43	130717	44.969	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	365497	49.785	ug/l	100
20) Methylene Chloride	2.83	84	128631	51.556	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	122616	48.281	ug/l	97
22) Diisopropyl ether	3.82	45	349756	49.227	ug/l	90
23) Vinyl Acetate	3.79	43	1581459	231.435	ug/l	99
24) 1,1-Dichloroethane	3.67	63	225722	47.252	ug/l	99
25) 2-Butanone	4.64	43	454784	240.115	ug/l	98
26) 2,2-Dichloropropane	4.55	77	171236	37.152	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	135782	48.144	ug/l	96
28) Bromochloromethane	4.98	49	100662	47.781	ug/l	98
29) Tetrahydrofuran	5.09	42	258629	254.509	ug/l	98
30) Chloroform	5.18	83	244671	46.488	ug/l	97
31) Cyclohexane	5.55	56	162343	49.705	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	230343	46.054	ug/l	99
36) 1,1-Dichloropropene	5.77	75	173147	47.021	ug/l	100
37) Ethyl Acetate	4.79	43	164139	46.158	ug/l	100
38) Carbon Tetrachloride	5.76	117	214135	46.917	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	161474	47.570	ug/l	95
40) Benzene	6.11	78	490318	49.562	ug/l	99
41) Methacrylonitrile	5.00	41	99649	48.306	ug/l	97
42) 1,2-Dichloroethane	6.16	62	213647	46.063	ug/l	100
43) Isopropyl Acetate	6.41	43	271432	45.930	ug/l	99
44) Trichloroethene	7.19	130	142446	48.012	ug/l	96
45) 1,2-Dichloropropane	7.49	63	131666	50.298	ug/l	100
46) Dibromomethane	7.63	93	92643	47.890	ug/l	94
47) Bromodichloromethane	7.87	83	200762	47.891	ug/l	99
48) Methyl methacrylate	7.74	41	150029	50.032	ug/l	95
49) 1,4-Dioxane	7.71	88	43306	1029.951	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	909073	263.555	ug/l	98
52) Toluene	8.76	92	319609	50.341	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	208698	48.080	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	206770	46.307	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	136426	50.027	ug/l	98
56) Ethyl methacrylate	9.16	69	192524	48.458	ug/l	96
57) 1,3-Dichloropropane	9.35	76	224173	50.661	ug/l	100
59) 2-Hexanone	9.47	43	699076	266.016	ug/l	98
60) Dibromochloromethane	9.57	129	173325	50.631	ug/l	97
61) 1,2-Dibromoethane	9.65	107	145216	49.656	ug/l	97
64) Tetrachloroethene	9.32	164	126495	50.287	ug/l	92
65) Chlorobenzene	10.12	112	355820	47.787	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	146630	47.734	ug/l	99
67) Ethyl Benzene	10.23	91	618044	49.203	ug/l	98
68) m/p-Xylenes	10.34	106	482898	101.187	ug/l	98
69) o-Xylene	10.68	106	225450	50.141	ug/l	99
70) Stvrene	10.70	104	396321	52.065	ug/l	98
71) Bromoform	10.84	173	132137	49.733	ug/l #	95
73) Isopropylbenzene	11.00	105	633020	49.179	ug/l	98
74) N-amyl acetate	10.88	43	238140	46.762	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	199571	46.518	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	198616m	46.846	ug/l	
77) Bromobenzene	11.24	156	177400	50.172	ug/l	97
78) n-propylbenzene	11.34	91	703420	47.959	ug/l	100
79) 2-Chlorotoluene	11.40	91	435726	47.658	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	551513	50.091	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	65797	43.980	ug/l	96
82) 4-Chlorotoluene	11.49	91	520237	47.855	ug/l	99
83) tert-Butylbenzene	11.76	119	532695	48.312	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	546025	48.785	ug/l	99
85) sec-Butylbenzene	11.93	105	607554	48.911	ug/l	100
86) p-Isopropyltoluene	12.05	119	573040	48.627	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	305624	47.065	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	309562	47.063	ug/l	96
89) n-Butylbenzene	12.37	91	477063	46.592	ug/l	100
90) Hexachloroethane	12.58	117	99742	45.527	ug/l	83
91) 1,2-Dichlorobenzene	12.37	146	289154	46.780	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48803	44.479	ug/l	90
93) 1,2,4-Trichlorobenzene	13.63	180	201315	50.767	ug/l	97

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QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	90254	51.241	ug/l	97
95) Naphthalene	13.82	128	603041	45.823	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	210009	54.129	ug/l	96

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

