

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017361.D
 Acq On : 13 Jul 2020 18:21
 Operator : JC/SP
 Sample : VX0713WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:12 AM

Quant Time: Jul 14 03:13:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	316770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	484491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	456996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244349	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	191593	48.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.38%	
35) Dibromofluoromethane	5.46	113	156038	47.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.62%	
50) Toluene-d8	8.70	98	580216	49.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.12	95	220096	47.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	62548	23.335	ug/l	99
3) Chloromethane	1.31	50	65516	21.711	ug/l	100
4) Vinyl Chloride	1.39	62	64368	21.562	ug/l	94
5) Bromomethane	1.63	94	42807	22.027	ug/l	99
6) Chloroethane	1.72	64	37463	19.881	ug/l	95
7) Trichlorofluoromethane	1.92	101	102886	20.419	ug/l	97
8) Diethyl Ether	2.17	74	34895	19.592	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58739	20.465	ug/l	98
10) Methyl Iodide	2.49	142	62244	17.960	ug/l	97
11) Tert butyl alcohol	3.01	59	68794	102.702	ug/l	100
12) 1,1-Dichloroethene	2.36	96	56496	19.598	ug/l	97
13) Acrolein	2.27	56	31291	85.218	ug/l	98
14) Allyl chloride	2.71	41	101130	20.246	ug/l	96
15) Acrylonitrile	3.12	53	169100	104.139	ug/l	100
16) Acetone	2.42	43	139496	98.349	ug/l	100
17) Carbon Disulfide	2.55	76	167157	19.877	ug/l	100
18) Methyl Acetate	2.75	43	70961	20.256	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	201248	20.560	ug/l	98
20) Methylene Chloride	2.84	84	67989	19.647	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	66386	20.128	ug/l	92
22) Diisopropyl ether	3.82	45	204949	21.540	ug/l	99
23) Vinyl Acetate	3.79	43	888634	106.195	ug/l	100
24) 1,1-Dichloroethane	3.67	63	115599	20.673	ug/l	99
25) 2-Butanone	4.64	43	232564	103.234	ug/l	99
26) 2,2-Dichloropropane	4.56	77	97950	18.822	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	72645	20.085	ug/l	99
28) Bromochloromethane	4.98	49	53600	20.750	ug/l	99
29) Tetrahydrofuran	5.09	42	152797	104.779	ug/l	99
30) Chloroform	5.18	83	120523	20.033	ug/l	98
31) Cyclohexane	5.56	56	100597	21.975	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	109590	19.704	ug/l	97
36) 1,1-Dichloropropene	5.77	75	87988	19.744	ug/l	99
37) Ethyl Acetate	4.79	43	92017	19.966	ug/l	98
38) Carbon Tetrachloride	5.76	117	103315	19.801	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	98882	20.433	ug/l	94
40) Benzene	6.11	78	261661	20.431	ug/l	99
41) Methacrylonitrile	5.00	41	51160	20.678	ug/l	98
42) 1,2-Dichloroethane	6.17	62	97161	19.526	ug/l	100
43) Isopropyl Acetate	6.41	43	147706	20.057	ug/l	99
44) Trichloroethene	7.19	130	77134	19.717	ug/l	98
45) 1,2-Dichloropropane	7.49	63	67561	20.616	ug/l	100
46) Dibromomethane	7.64	93	47872	20.255	ug/l	98
47) Bromodichloromethane	7.88	83	97213	19.674	ug/l	98
48) Methyl methacrylate	7.74	41	72622	20.550	ug/l	99
49) 1,4-Dioxane	7.71	88	29598	409.269	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	472934	105.322	ug/l	99
52) Toluene	8.76	92	169586	20.634	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	103881	19.515	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	113104	19.921	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	70050	20.440	ug/l	99
56) Ethyl methacrylate	9.16	69	98892	20.325	ug/l	99
57) 1,3-Dichloropropane	9.35	76	114584	20.100	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	255490	103.415	ug/l	98
59) 2-Hexanone	9.47	43	352781	104.092	ug/l	99
60) Dibromochloromethane	9.57	129	80360	19.194	ug/l	100
61) 1,2-Dibromoethane	9.65	107	75743	20.316	ug/l	99
64) Tetrachloroethene	9.32	164	77296	19.542	ug/l	98
65) Chlorobenzene	10.12	112	186406	20.071	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	73975	20.007	ug/l	98
67) Ethyl Benzene	10.23	91	315366	20.398	ug/l	97
68) m/p-Xylenes	10.34	106	243711	41.430	ug/l	99
69) o-Xylene	10.68	106	114640	20.395	ug/l	99
70) Styrene	10.70	104	201050	20.837	ug/l	98
71) Bromoform	10.84	173	61775	19.799	ug/l #	99
73) Isopropylbenzene	11.00	105	315402	20.591	ug/l	100
74) N-amyl acetate	10.88	43	131110	21.390	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	96847	20.824	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	95632m	21.180	ug/l	
77) Bromobenzene	11.24	156	87858	20.139	ug/l	99
78) n-propylbenzene	11.34	91	354475	20.606	ug/l	100
79) 2-Chlorotoluene	11.40	91	216963	20.466	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	268412	20.643	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	34798	19.551	ug/l	98
82) 4-Chlorotoluene	11.49	91	259478	20.653	ug/l	100
83) tert-Butylbenzene	11.76	119	259564	20.651	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	272777	20.766	ug/l	100
85) sec-Butylbenzene	11.93	105	301327	20.477	ug/l	99
86) p-Isopropyltoluene	12.05	119	283454	20.358	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	151502	19.412	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	156125	19.801	ug/l	99
89) n-Butylbenzene	12.37	91	237222	19.977	ug/l	99
90) Hexachloroethane	12.58	117	53507	20.242	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	144511	19.704	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22304	18.175	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	96926	19.039	ug/l	99
94) Hexachlorobutadiene	13.77	225	40738	19.622	ug/l	97
95) Naphthalene	13.82	128	305630	20.418	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	99575	20.248	ug/l	96

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

