

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090320\
 Data File : VX018225.D
 Acq On : 03 Sep 2020 11:36
 Operator : JC/SP
 Sample : VX0903WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 9:29:00 AM

Quant Time: Sep 04 01:54:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	408046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	633295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	611742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	320583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	301593	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
35) Dibromofluoromethane	5.46	113	228622	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
50) Toluene-d8	8.70	98	820006	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.12	95	313073	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	94939	19.110	ug/l	100
3) Chloromethane	1.31	50	92805	17.719	ug/l	98
4) Vinyl Chloride	1.39	62	91249	17.501	ug/l	99
5) Bromomethane	1.64	94	67650	26.900	ug/l	98
6) Chloroethane	1.71	64	52574	18.774	ug/l	97
7) Trichlorofluoromethane	1.92	101	151954	21.373	ug/l	99
8) Diethyl Ether	2.17	74	50426	20.914	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79156	20.594	ug/l	98
10) Methyl Iodide	2.49	142	84326	23.624	ug/l	97
11) Tert butyl alcohol	3.04	59	85376	77.514	ug/l	98
12) 1,1-Dichloroethene	2.35	96	73642	18.468	ug/l	99
13) Acrolein	2.28	56	16999	37.221	ug/l	96
14) Allyl chloride	2.71	41	130861	18.266	ug/l	95
15) Acrylonitrile	3.12	53	216365	86.599	ug/l	99
16) Acetone	2.43	43	191187	86.615	ug/l	95
17) Carbon Disulfide	2.55	76	211183	17.519	ug/l	97
18) Methyl Acetate	2.75	43	113856	21.375	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	270097	19.750	ug/l	100
20) Methylene Chloride	2.84	84	87044	18.552	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	81303	18.403	ug/l	98
22) Diisopropyl ether	3.82	45	271372	19.192	ug/l	91
23) Vinyl Acetate	3.78	43	1141925	90.759	ug/l	99
24) 1,1-Dichloroethane	3.67	63	152790	18.982	ug/l	97
25) 2-Butanone	4.64	43	297181	81.921	ug/l	100
26) 2,2-Dichloropropane	4.55	77	138132	21.092	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	90561	17.791	ug/l	99
28) Bromochloromethane	4.98	49	71698	18.454	ug/l	93
29) Tetrahydrofuran	5.09	42	190293	82.403	ug/l	97
30) Chloroform	5.17	83	163875	19.662	ug/l	99
31) Cyclohexane	5.55	56	116767	17.222	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	151281	19.779	ug/l	99
36) 1,1-Dichloropropene	5.78	75	114790	19.652	ug/l	99
37) Ethyl Acetate	4.79	43	119466	17.609	ug/l #	96
38) Carbon Tetrachloride	5.76	117	138001	20.964	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	118585	18.566	ug/l	92
40) Benzene	6.11	78	329026	19.170	ug/l	95
41) Methacrylonitrile	5.00	41	65440	17.568	ug/l	96
42) 1,2-Dichloroethane	6.16	62	140863	21.421	ug/l	97
43) Isopropyl Acetate	6.41	43	198665	18.130	ug/l	100
44) Trichloroethene	7.19	130	94742	19.536	ug/l	99
45) 1,2-Dichloropropane	7.49	63	87247	18.861	ug/l	93
46) Dibromomethane	7.64	93	64698	19.889	ug/l	99
47) Bromodichloromethane	7.87	83	131564	20.255	ug/l	95
48) Methyl methacrylate	7.74	41	92943	17.039	ug/l	98
49) 1,4-Dioxane	7.75	88	27800	281.349	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	620198	91.628	ug/l	98
52) Toluene	8.76	92	206139	18.941	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	138336	19.217	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	147755	19.376	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	91491	19.711	ug/l	97
56) Ethyl methacrylate	9.16	69	125037	18.120	ug/l	99
57) 1,3-Dichloropropane	9.35	76	146784	19.173	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	259101	83.470	ug/l	97
59) 2-Hexanone	9.47	43	455810	88.562	ug/l	97
60) Dibromochloromethane	9.56	129	110149	20.229	ug/l	99
61) 1,2-Dibromoethane	9.65	107	99000	19.645	ug/l	96
64) Tetrachloroethene	9.32	164	99297	22.088	ug/l	88
65) Chlorobenzene	10.12	112	236038	19.319	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	95684	19.870	ug/l	99
67) Ethyl Benzene	10.24	91	396682	19.092	ug/l	97
68) m/p-Xylenes	10.34	106	305797	39.431	ug/l	97
69) o-Xylene	10.68	106	143121	19.038	ug/l	100
70) Styrene	10.69	104	243651	19.031	ug/l	98
71) Bromoform	10.84	173	77862	18.957	ug/l	98
73) Isopropylbenzene	11.01	105	394941	18.677	ug/l	98
74) N-amyl acetate	10.88	43	160460	15.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	131340	17.607	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	123912m	17.375	ug/l	
77) Bromobenzene	11.24	156	105295	18.014	ug/l	97
78) n-propylbenzene	11.34	91	450740	18.773	ug/l	99
79) 2-Chlorotoluene	11.40	91	276468	18.637	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	346136	19.919	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	46586	17.643	ug/l	96
82) 4-Chlorotoluene	11.49	91	328859	18.648	ug/l	99
83) tert-Butylbenzene	11.76	119	317953	18.541	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	344649	19.400	ug/l	99
85) sec-Butylbenzene	11.93	105	383802	19.681	ug/l	100
86) p-Isopropyltoluene	12.05	119	356081	19.878	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	190424	18.555	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	199485	19.414	ug/l	98
89) n-Butylbenzene	12.37	91	308068	18.842	ug/l	99
90) Hexachloroethane	12.58	117	68138	19.333	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	193784	20.060	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	31768	17.032	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	122385	18.999	ug/l	97
94) Hexachlorobutadiene	13.77	225	58356	22.967	ug/l	98
95) Naphthalene	13.82	128	368865	17.399	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	116997	18.381	ug/l	97

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

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