

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030520\
 Data File : VX015098.D
 Acq On : 05 Mar 2020 09:48
 Operator : JC/SP
 Sample : VX0305WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/6/2020 4:49:33 PM

Quant Time: Mar 06 03:33:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	390529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	586243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	543118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	284193	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	234403	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.48	113	190141	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	8.71	98	735417	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	11.13	95	258640	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	64780	18.943	ug/l	98
3) Chloromethane	1.32	50	95382	19.690	ug/l	98
4) Vinyl Chloride	1.41	62	95435	19.429	ug/l	98
5) Bromomethane	1.65	94	64182	21.254	ug/l	97
6) Chloroethane	1.73	64	59672	20.252	ug/l	98
7) Trichlorofluoromethane	1.93	101	118085	20.204	ug/l	95
8) Diethyl Ether	2.18	74	51832	19.579	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71893	19.551	ug/l	100
10) Methyl Iodide	2.50	142	71379	17.181	ug/l	98
11) Tert butyl alcohol	3.05	59	77450	96.350	ug/l	98
12) 1,1-Dichloroethene	2.37	96	69779	18.387	ug/l	98
13) Acrolein	2.29	56	61929	81.979	ug/l	100
14) Allyl chloride	2.72	41	123866	18.719	ug/l	97
15) Acrylonitrile	3.14	53	189684	94.752	ug/l	100
16) Acetone	2.44	43	196258	104.597	ug/l	100
17) Carbon Disulfide	2.56	76	189893	18.018	ug/l	99
18) Methyl Acetate	2.76	43	83600	18.222	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	230837	19.465	ug/l	98
20) Methylene Chloride	2.85	84	78967	17.983	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	75930	18.738	ug/l	96
22) Diisopropyl ether	3.84	45	258090	19.576	ug/l	99
23) Vinyl Acetate	3.80	43	1075243	99.218	ug/l	98
24) 1,1-Dichloroethane	3.69	63	140206	19.161	ug/l	99
25) 2-Butanone	4.66	43	271294	98.762	ug/l	98
26) 2,2-Dichloropropane	4.57	77	111224	19.148	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	85874	18.890	ug/l	97
28) Bromochloromethane	5.00	49	66327	19.907	ug/l	97
29) Tetrahydrofuran	5.12	42	166711	94.149	ug/l	99
30) Chloroform	5.20	83	139398	19.546	ug/l	100
31) Cyclohexane	5.57	56	122252	18.731	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	119099	20.146	ug/l	97
36) 1,1-Dichloropropene	5.79	75	102950	18.996	ug/l	98
37) Ethyl Acetate	4.82	43	101571	20.204	ug/l	98
38) Carbon Tetrachloride	5.78	117	99148	19.381	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	125041	19.759	ug/l	98
40) Benzene	6.13	78	318457	19.806	ug/l	98
41) Methacrylonitrile	5.03	41	55544	18.394	ug/l	97
42) 1,2-Dichloroethane	6.18	62	114511	20.738	ug/l	97
43) Isopropyl Acetate	6.43	43	168077	19.005	ug/l	100
44) Trichloroethene	7.20	130	86655	19.352	ug/l	90
45) 1,2-Dichloropropane	7.51	63	83583	20.083	ug/l	99
46) Dibromomethane	7.65	93	53060	19.566	ug/l	98
47) Bromodichloromethane	7.89	83	106127	19.790	ug/l	97
48) Methyl methacrylate	7.76	41	84281	18.724	ug/l	99
49) 1,4-Dioxane	7.75	88	35382	363.559	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	522487	99.921	ug/l	99
52) Toluene	8.78	92	198157	20.156	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	113564	19.896	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	126488	19.602	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	82233	20.322	ug/l	100
56) Ethyl methacrylate	9.17	69	115429	19.999	ug/l	99
57) 1,3-Dichloropropane	9.36	76	137260	20.162	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	299245	95.168	ug/l	99
59) 2-Hexanone	9.48	43	391076	100.906	ug/l	98
60) Dibromochloromethane	9.57	129	84312	19.835	ug/l	100
61) 1,2-Dibromoethane	9.67	107	82949	19.516	ug/l	100
64) Tetrachloroethene	9.33	164	89045	19.829	ug/l	96
65) Chlorobenzene	10.13	112	215190	19.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	79692	19.382	ug/l	99
67) Ethyl Benzene	10.25	91	369782	19.971	ug/l	99
68) m/p-Xylenes	10.35	106	285856	40.578	ug/l	100
69) o-Xylene	10.70	106	136419	20.226	ug/l	100
70) Styrene	10.71	104	234213	20.252	ug/l	100
71) Bromoform	10.85	173	62340	19.552	ug/l #	98
73) Isopropylbenzene	11.01	105	365044	20.108	ug/l	100
74) N-amyl acetate	10.89	43	146256	19.116	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	116036	19.179	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	110323m	19.461	ug/l	
77) Bromobenzene	11.25	156	95857	18.946	ug/l	99
78) n-propylbenzene	11.35	91	419324	20.217	ug/l	99
79) 2-Chlorotoluene	11.42	91	246874	19.931	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	303083	20.055	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	34083	17.063	ug/l	91
82) 4-Chlorotoluene	11.51	91	289777	19.802	ug/l	99
83) tert-Butylbenzene	11.76	119	287203	19.654	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	311383	20.509	ug/l	100
85) sec-Butylbenzene	11.94	105	357199	20.249	ug/l	98
86) p-Isopropyltoluene	12.06	119	328536	20.214	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	174489	19.618	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	174005	18.950	ug/l	100
89) n-Butylbenzene	12.38	91	287394	19.882	ug/l	98
90) Hexachloroethane	12.59	117	57468	18.703	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	170026	19.228	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	24020	19.826	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	116939	19.051	ug/l	97
94) Hexachlorobutadiene	13.78	225	59921	19.024	ug/l	99
95) Naphthalene	13.83	128	329217	18.424	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	119141	19.454	ug/l	98

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

