

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010620\
 Data File : VX014418.D
 Acq On : 06 Jan 2020 11:04
 Operator : JC/SP
 Sample : VX0106WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106WBL01

Quant Time: Jan 06 16:06:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.81	168	426	50.00	ug/l	0.16
34) 1,4-Difluorobenzene	7.26	114	593	50.00	ug/l	0.41
63) Chlorobenzene-d5	10.72	117	170	50.00	ug/l	0.61
72) 1,4-Dichlorobenzene-d4	12.06	152	346373	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.21	65	312	64.62	ug/l	0.16
Spiked Amount				50.000		
			Recovery	=	129.24%	
35) Dibromofluoromethane	5.83	113	585	162.28	ug/l	0.34
Spiked Amount				50.000		
			Recovery	=	324.56%	
50) Toluene-d8	9.20	98	387	27.58	ug/l	0.49
Spiked Amount				50.000		
			Recovery	=	55.16%	
62) 4-Bromofluorobenzene	11.80	95	147	28.65	ug/l	0.66
Spiked Amount				50.000		
			Recovery	=	57.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	295	77.405	ug/l	93
3) Chloromethane	1.37	50	432	84.464	ug/l #	42
4) Vinyl Chloride	1.46	62	910	168.618	ug/l #	43
5) Bromomethane	1.69	94	169	44.121	ug/l #	51
6) Chloroethane	1.76	64	218	65.449	ug/l #	1
7) Trichlorofluoromethane	1.95	101	331	49.545	ug/l #	58
8) Diethyl Ether	2.29	74	404	128.851	ug/l	73
9) 1,1,2-Trichlorotrifluoroet	2.46	101	218	54.133	ug/l #	16
10) Methyl Iodide	2.58	142	55	12.434	ug/l #	1
11) Tert butyl alcohol	3.12	59	238	228.134	ug/l #	1
12) 1,1-Dichloroethene	2.43	96	169	41.241	ug/l #	32
13) Acrolein	2.33	56	509	852.329	ug/l #	22
14) Allyl chloride	2.81	41	66	9.021	ug/l #	1
15) Acrylonitrile	3.23	53	308	126.488	ug/l #	1
16) Acetone	2.53	43	588	187.591	ug/l #	44
17) Carbon Disulfide	2.65	76	586	51.488	ug/l #	75
18) Methyl Acetate	2.86	43	263	42.343	ug/l #	51
19) Methyl tert-butyl Ether	3.29	73	218	16.189	ug/l #	52
20) Methylene Chloride	2.91	84	226	45.786	ug/l #	7
21) trans-1,2-Dichloroethene	3.25	96	149	33.004	ug/l #	56
22) Diisopropyl ether	3.93	45	467	32.030	ug/l #	1
23) Vinyl Acetate	3.93	43	177	14.876	ug/l #	32
24) 1,1-Dichloroethane	3.77	63	612	75.446	ug/l #	56
25) 2-Butanone	4.81	43	287	74.267	ug/l	91
26) 2,2-Dichloropropane	4.52	77	550	87.328	ug/l	88
27) cis-1,2-Dichloroethene	4.70	96	236	46.223	ug/l #	1
28) Bromochloromethane	5.12	49	600	191.036	ug/l #	53
29) Tetrahydrofuran	5.24	42	1322	611.616	ug/l #	56
30) Chloroform	5.36	83	153	19.896	ug/l	84
31) Cyclohexane	5.71	56	194	26.890	ug/l #	37
32) 1,1,1-Trichloroethane	5.90	97	312	47.606	ug/l	87
36) 1,1-Dichloropropene	6.25	75	42305	7775.061	ug/l #	41
37) Ethyl Acetate	5.12	43	286	47.599	ug/l #	1
38) Carbon Tetrachloride	6.14	117	325	65.567	ug/l #	49

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.92	83	460	68.468	ug/l #	76
40) Benzene	6.50	78	486	29.029	ug/l #	58
41) Methacrylonitrile	5.33	41	366	109.784	ug/l #	1
42) 1,2-Dichloroethane	6.67	62	347	61.145	ug/l	84
43) Isopropyl Acetate	6.82	43	540	54.305	ug/l #	1
44) Trichloroethene	7.65	130	70	15.138	ug/l	3
45) 1,2-Dichloropropane	7.95	63	740	172.453	ug/l #	75
46) Dibromomethane	8.16	93	161	56.750	ug/l #	1
47) Bromodichloromethane	8.38	83	253	47.351	ug/l #	70
48) Methyl methacrylate	8.24	41	434	89.132	ug/l #	18
49) 1,4-Dioxane	8.22	88	311	3138.573	ug/l #	36
51) 4-Methyl-2-Pentanone	9.17	43	643	102.964	ug/l	91
52) Toluene	9.25	92	278	26.271	ug/l	86
53) t-1,3-Dichloropropene	9.59	75	282	48.133	ug/l #	1
54) cis-1,3-Dichloropropene	8.93	75	158	24.207	ug/l #	75
55) 1,1,2-Trichloroethane	9.76	97	294	69.321	ug/l #	18
56) Ethyl methacrylate	9.71	69	258	38.727	ug/l #	24
57) 1,3-Dichloropropane	10.02	76	41129	5763.878	ug/l #	31
58) 2-Chloroethyl Vinyl ether	8.82	63	347	137.634	ug/l	99
59) 2-Hexanone	10.07	43	268	53.311	ug/l #	23
60) Dibromochloromethane	10.17	129	180	42.698	ug/l	65
61) 1,2-Dibromoethane	10.24	107	200	46.090	ug/l	92
64) Tetrachloroethene	9.32	164	110	73.124	ug/l #	1
65) Chlorobenzene	10.15	112	182	50.351	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.20	131	164	127.070	ug/l #	29
67) Ethyl Benzene	10.23	91	145	23.333	ug/l #	43
68) m/p-Xylenes	10.35	106	226	94.555	ug/l #	1
69) o-Xylene	10.69	106	103	43.939	ug/l	88
70) Styrene	10.69	104	210	52.978	ug/l #	27
71) Bromoform	10.87	173	152	146.514	ug/l #	29
76) 1,2,3-Trichloropropane	11.09	75	165140	21.961	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.09	75	164781	61.851	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.64	180	1592	0.207	ug/l #	64
94) Hexachlorobutadiene	13.77	225	750	0.203	ug/l	91
96) 1,2,3-Trichlorobenzene	14.01	180	1681	0.221	ug/l #	79

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

