

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102218\
 Data File : VX005511.D
 Acq On : 23 Oct 2018 10:19
 Operator : JC/MD
 Sample : J5621-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PA-SW-01MS

Manual Integrations
 APPROVED

MMDadoda
 10/23/2018 1:28:23 PM

Quant Time: Oct 23 12:22:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	186837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	262799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149966	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	125894	60.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.42%	
35) Dibromofluoromethane	5.51	113	94267	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
50) Toluene-d8	8.72	98	343635	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	131130	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74986	51.331	ug/l	90
3) Chloromethane	1.32	50	106759	50.436	ug/l	100
4) Vinyl Chloride	1.40	62	103633	48.330	ug/l	100
5) Bromomethane	1.64	94	64524	53.242	ug/l	99
6) Chloroethane	1.71	64	67151	53.362	ug/l	92
7) Trichlorofluoromethane	1.92	101	150817	52.706	ug/l	94
8) Diethyl Ether	2.19	74	65446	53.559	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81378	49.273	ug/l	97
10) Methyl Iodide	2.51	142	89367	49.381	ug/l	96
11) Tert butyl alcohol	3.09	59	198421	339.221	ug/l	100
12) 1,1-Dichloroethene	2.37	96	82008	50.115	ug/l	91
13) Acrolein	2.29	56	90357	242.008	ug/l	96
14) Allyl chloride	2.72	41	187060	52.067	ug/l	94
15) Acrylonitrile	3.15	53	385000	290.457	ug/l	98
16) Acetone	2.45	43	376858	314.328	ug/l	94
17) Carbon Disulfide	2.56	76	215965	43.567	ug/l	99
18) Methyl Acetate	2.78	43	203820	59.755	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	330203	57.295	ug/l	96
20) Methylene Chloride	2.85	84	99073	56.893	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	89112	49.139	ug/l	96
22) Diisopropyl ether	3.87	45	335049	55.523	ug/l	96
23) Vinyl Acetate	3.82	43	1286424	243.905	ug/l	95
24) 1,1-Dichloroethane	3.69	63	187242	54.141	ug/l	98
25) 2-Butanone	4.71	43	554851	316.302	ug/l	93
26) 2,2-Dichloropropane	4.59	77	74510	28.807	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	99409	50.440	ug/l	98
28) Bromochloromethane	5.02	49	89521	56.782	ug/l	90
29) Tetrahydrofuran	5.16	42	353045	315.516	ug/l	91
30) Chloroform	5.21	83	177195	55.200	ug/l	99
31) Cyclohexane	5.57	56	137946	48.395	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	151978	54.412	ug/l	100
36) 1,1-Dichloropropene	5.80	75	125906	43.489	ug/l	99
37) Ethyl Acetate	4.86	43	170343	45.752	ug/l	97
38) Carbon Tetrachloride	5.79	117	141020	48.478	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	124386	39.698	ug/l	94
40) Benzene	6.13	78	404443	46.569	ug/l	96
41) Methacrylonitrile	5.06	41	105661	52.936	ug/l	95
42) 1,2-Dichloroethane	6.20	62	147749	48.181	ug/l	96
43) Isopropyl Acetate	6.46	43	267474	53.930	ug/l	95
44) Trichloroethene	7.21	130	101530	45.733	ug/l	92
45) 1,2-Dichloropropane	7.52	63	104075	48.854	ug/l	98
46) Dibromomethane	7.66	93	67669	48.127	ug/l	97
47) Bromodichloromethane	7.90	83	135619	52.146	ug/l	98
48) Methyl methacrylate	7.78	41	147295	57.262	ug/l	93
49) 1,4-Dioxane	7.76	88	66483	1120.568	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1067932	310.978	ug/l	94
52) Toluene	8.79	92	240826	50.686	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	136604	48.534	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	143246	46.970	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	104545	51.949	ug/l	97
56) Ethyl methacrylate	9.18	69	166917	56.895	ug/l	92
57) 1,3-Dichloropropane	9.37	76	175942	52.380	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.26	63	583	0.354	ug/l #	45
59) 2-Hexanone	9.50	43	877991	317.835	ug/l	92
60) Dibromochloromethane	9.59	129	110760	53.245	ug/l	98
61) 1,2-Dibromoethane	9.68	107	108004	51.138	ug/l	99
64) Tetrachloroethene	9.34	164	97551	46.109	ug/l	98
65) Chlorobenzene	10.14	112	272835	48.807	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	103495	51.953	ug/l	98
67) Ethyl Benzene	10.26	91	466799	51.367	ug/l	97
68) m/p-Xylenes	10.36	106	358104	101.526	ug/l	93
69) o-Xylene	10.70	106	174171	51.200	ug/l	95
70) Styrene	10.71	104	292891	52.347	ug/l	96
71) Bromoform	10.86	173	94136	52.880	ug/l	98
73) Isopropylbenzene	11.02	105	478866	53.714	ug/l	99
74) N-amyl acetate	10.90	43	226328	52.636	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	183631	54.603	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	161253m	55.434	ug/l	
77) Bromobenzene	11.26	156	128799	50.528	ug/l	98
78) n-propylbenzene	11.36	91	541244	52.759	ug/l	99
79) 2-Chlorotoluene	11.42	91	329689	52.474	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	405690	53.140	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	44531	46.514	ug/l	99
82) 4-Chlorotoluene	11.51	91	387482	52.026	ug/l	99
83) tert-Butylbenzene	11.77	119	409873	53.018	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	418104	53.218	ug/l	97
85) sec-Butylbenzene	11.94	105	475647	51.989	ug/l	98
86) p-Isopropyltoluene	12.07	119	424093	51.286	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	236498	49.651	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	240438	49.343	ug/l	99
89) n-Butylbenzene	12.39	91	363612	48.429	ug/l	97
90) Hexachloroethane	12.60	117	74232	52.088	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	245060	50.416	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47632	58.064	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	177371	49.737	ug/l	99
94) Hexachlorobutadiene	13.79	225	80324	42.647	ug/l	98
95) Naphthalene	13.83	128	605488	58.545	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	184751	50.632	ug/l	100

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

