

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050719\
 Data File : VX009385.D
 Acq On : 07 May 2019 18:28
 Operator : JC/SP
 Sample : K2721-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 10:40:34 AM

Quant Time: May 08 03:20:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 08:24:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	262076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	240363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	109087	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.50	113	82642	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
50) Toluene-d8	8.72	98	325598	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	119285	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64447	43.026	ug/l	99
3) Chloromethane	1.32	50	83672	40.916	ug/l	99
4) Vinyl Chloride	1.41	62	89781	45.024	ug/l	98
5) Bromomethane	1.64	94	23695	19.797	ug/l	97
6) Chloroethane	1.71	64	79511	62.105	ug/l	99
7) Trichlorofluoromethane	1.92	101	112933	46.591	ug/l	99
8) Diethyl Ether	2.19	74	54648	47.596	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71551	47.007	ug/l	97
10) Methyl Iodide	2.51	142	35541	22.843	ug/l	100
11) Tert butyl alcohol	3.06	59	138100	268.876	ug/l	100
12) 1,1-Dichloroethene	2.37	96	71191	46.679	ug/l	98
13) Acrolein	2.29	56	88890	191.100	ug/l	99
14) Allyl chloride	2.73	41	171183	46.058	ug/l	99
15) Acrylonitrile	3.15	53	325086	258.860	ug/l	99
16) Acetone	2.45	43	278966	234.138	ug/l	96
17) Carbon Disulfide	2.56	76	187223	43.725	ug/l	99
18) Methyl Acetate	2.78	43	145818	51.462	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	292203	49.339	ug/l	99
20) Methylene Chloride	2.85	84	88858	46.061	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	76055	45.983	ug/l	99
22) Diisopropyl ether	3.86	45	345906	48.394	ug/l	95
23) Vinyl Acetate	3.82	43	1550097	253.258	ug/l	100
24) 1,1-Dichloroethane	3.70	63	165608	46.967	ug/l	100
25) 2-Butanone	4.68	43	485992	262.487	ug/l	100
26) 2,2-Dichloropropane	4.58	77	112160	42.735	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	93441	47.331	ug/l	100
28) Bromochloromethane	5.01	49	69102	48.608	ug/l	99
29) Tetrahydrofuran	5.13	42	319067	267.803	ug/l	99
30) Chloroform	5.21	83	155604	48.793	ug/l	97
31) Cyclohexane	5.58	56	149878	45.688	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	126590	47.684	ug/l	99
36) 1,1-Dichloropropene	5.80	75	111408	45.743	ug/l	99
37) Ethyl Acetate	4.84	43	175540	51.730	ug/l	99
38) Carbon Tetrachloride	5.78	117	104938	47.423	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135517	45.308	ug/l	99
40) Benzene	6.15	78	355024	47.101	ug/l	99
41) Methacrylonitrile	5.05	41	102356	50.672	ug/l	100
42) 1,2-Dichloroethane	6.20	62	131109	48.490	ug/l	100
43) Isopropyl Acetate	6.45	43	277556	51.135	ug/l	100
44) Trichloroethene	7.21	130	83629	45.895	ug/l	97
45) 1,2-Dichloropropane	7.51	63	103712	48.593	ug/l	98
46) Dibromomethane	7.66	93	59556	48.052	ug/l	99
47) Bromodichloromethane	7.90	83	121008	48.946	ug/l	98
48) Methyl methacrylate	7.77	41	138046	51.263	ug/l	99
49) 1,4-Dioxane	7.74	88	51839	949.225	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	963415	271.554	ug/l	100
52) Toluene	8.79	92	218053	47.591	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	136609	48.942	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	149714	48.459	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	92238	49.345	ug/l	95
56) Ethyl methacrylate	9.18	69	171561	51.416	ug/l	100
57) 1,3-Dichloropropane	9.37	76	159349	48.443	ug/l	99
59) 2-Hexanone	9.49	43	754958	270.945	ug/l	100
60) Dibromochloromethane	9.59	129	92313	50.564	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92879	49.223	ug/l	100
64) Tetrachloroethene	9.34	164	68320	41.437	ug/l	97
65) Chlorobenzene	10.14	112	403373	83.890	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	84702	48.589	ug/l	100
67) Ethyl Benzene	10.25	91	419140	47.365	ug/l	99
68) m/p-Xylenes	10.36	106	306719	94.849	ug/l	99
69) o-Xylene	10.70	106	152218	47.708	ug/l	100
70) Styrene	10.71	104	269690	48.632	ug/l	100
71) Bromoform	10.86	173	72243	50.996	ug/l #	99
73) Isopropylbenzene	11.02	105	404120	46.823	ug/l	99
74) N-amyl acetate	10.90	43	257679	51.209	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	162629	50.546	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	135324m	49.153	ug/l	
77) Bromobenzene	11.26	156	102942	48.054	ug/l	98
78) n-propylbenzene	11.36	91	460357	46.704	ug/l	99
79) 2-Chlorotoluene	11.42	91	279777	46.007	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	339317	46.691	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	51559	47.917	ug/l	99
82) 4-Chlorotoluene	11.51	91	320694	46.680	ug/l	100
83) tert-Butylbenzene	11.77	119	346625	49.031	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	346959	47.565	ug/l	100
85) sec-Butylbenzene	11.94	105	394651	47.086	ug/l	100
86) p-Isopropyltoluene	12.06	119	356703	47.340	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	213728	55.966	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	279406	72.571	ug/l	100
89) n-Butylbenzene	12.38	91	326359	47.922	ug/l	100
90) Hexachloroethane	12.60	117	60490	47.122	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	736570	189.364	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38210	52.939	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	132566	49.839	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	65010	47.861	ug/l	99
95) Naphthalene	13.83	128	439496	50.786	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132018	48.963	ug/l	99

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

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