

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009467.D
 Acq On : 10 May 2019 07:19
 Operator : JC/SP
 Sample : K2782-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW592-190507MS

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:12:56 PM

Quant Time: May 10 09:17:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115668	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111066	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	5.50	113	81900	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	8.71	98	327438	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	119852	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69800	49.034	ug/l	99
3) Chloromethane	1.32	50	103850	53.436	ug/l	100
4) Vinyl Chloride	1.41	62	102586	54.132	ug/l	98
5) Bromomethane	1.64	94	57873	50.879	ug/l	98
6) Chloroethane	1.71	64	66566	54.709	ug/l	99
7) Trichlorofluoromethane	1.93	101	128560	55.809	ug/l	98
8) Diethyl Ether	2.19	74	59525	54.552	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76736	53.046	ug/l	99
10) Methyl Iodide	2.51	142	92838	54.754	ug/l	99
11) Tert butyl alcohol	3.05	59	121776	249.479	ug/l	99
12) 1,1-Dichloroethene	2.37	96	79547	54.883	ug/l	98
13) Acrolein	2.29	56	110796	250.636	ug/l	99
14) Allyl chloride	2.73	41	180783	51.181	ug/l	99
15) Acrylonitrile	3.14	53	321080	269.025	ug/l	99
16) Acetone	2.44	43	272653	240.793	ug/l	97
17) Carbon Disulfide	2.57	76	230505	56.645	ug/l	100
18) Methyl Acetate	2.77	43	121334	45.058	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	304320	54.069	ug/l	100
20) Methylene Chloride	2.85	84	96227	52.486	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	86174	54.822	ug/l	99
22) Diisopropyl ether	3.85	45	366947	54.020	ug/l	99
23) Vinyl Acetate	3.81	43	1490383	256.221	ug/l	100
24) 1,1-Dichloroethane	3.70	63	180611	53.898	ug/l	99
25) 2-Butanone	4.67	43	466469	265.103	ug/l	99
26) 2,2-Dichloropropane	4.58	77	85922	34.448	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	102841	54.813	ug/l	94
28) Bromochloromethane	5.02	49	69494	51.606	ug/l	99
29) Tetrahydrofuran	5.13	42	310874	274.556	ug/l	99
30) Chloroform	5.21	83	166318	54.877	ug/l	99
31) Cyclohexane	5.58	56	173298	55.586	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	137630	54.551	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125933	53.372	ug/l	100
37) Ethyl Acetate	4.83	43	162071	49.299	ug/l	99
38) Carbon Tetrachloride	5.79	117	115436	53.847	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151920	52.427	ug/l	99
40) Benzene	6.14	78	394330	54.001	ug/l	99
41) Methacrylonitrile	5.04	41	102483	52.368	ug/l	99
42) 1,2-Dichloroethane	6.19	62	141440	53.996	ug/l	100
43) Isopropyl Acetate	6.45	43	266700	50.717	ug/l	100
44) Trichloroethene	7.21	130	93304	52.853	ug/l	100
45) 1,2-Dichloropropane	7.51	63	110466	53.424	ug/l	96
46) Dibromomethane	7.66	93	63307	52.723	ug/l	97
47) Bromodichloromethane	7.90	83	128463	53.634	ug/l	98
48) Methyl methacrylate	7.77	41	142909	54.777	ug/l	98
49) 1,4-Dioxane	7.74	88	48628	919.102	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	929131	270.323	ug/l	100
52) Toluene	8.78	92	240108	54.092	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	138648	51.272	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	152321	50.891	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	97207	53.678	ug/l	98
56) Ethyl methacrylate	9.18	69	175597	54.320	ug/l	99
57) 1,3-Dichloropropane	9.37	76	172598	54.160	ug/l	100
59) 2-Hexanone	9.49	43	724378	268.342	ug/l	99
60) Dibromochloromethane	9.58	129	96874	54.771	ug/l	100
61) 1,2-Dibromoethane	9.67	107	99390	54.370	ug/l	99
64) Tetrachloroethene	9.34	164	80526	50.596	ug/l	100
65) Chlorobenzene	10.13	112	247124	53.244	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	90918	54.031	ug/l	99
67) Ethyl Benzene	10.25	91	459006	53.736	ug/l	100
68) m/p-Xylenes	10.36	106	338212	108.350	ug/l	100
69) o-Xylene	10.69	106	165081	53.601	ug/l	99
70) Stvrene	10.71	104	288384	53.874	ug/l	100
71) Bromoform	10.85	173	73729	53.917	ug/l #	99
73) Isopropylbenzene	11.02	105	436738	51.923	ug/l	99
74) N-amyl acetate	10.90	43	235358	47.995	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	162620	51.863	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	137455m	51.230	ug/l	
77) Bromobenzene	11.26	156	110313	52.839	ug/l	98
78) n-propylbenzene	11.36	91	500273	52.079	ug/l	99
79) 2-Chlorotoluene	11.42	91	299812	50.589	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	370560	52.322	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48139	45.906	ug/l	97
82) 4-Chlorotoluene	11.51	91	345217	51.562	ug/l	100
83) tert-Butylbenzene	11.77	119	357503	51.890	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	371708	52.288	ug/l	99
85) sec-Butylbenzene	11.94	105	417631	51.129	ug/l	100
86) p-Isopropyltoluene	12.06	119	377947	51.469	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	193406	51.967	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	192425	51.284	ug/l	99
89) n-Butylbenzene	12.38	91	334371	50.380	ug/l	100
90) Hexachloroethane	12.60	117	65042	51.991	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	197401	52.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36115	51.343	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	134079	51.723	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	66195	50.006	ug/l	99
95) Naphthalene	13.83	128	440835	52.271	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136082	51.789	ug/l	99

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

