

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051619\
 Data File : VX009645.D
 Acq On : 17 May 2019 06:47
 Operator : JC/SP
 Sample : K2887-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Manual Integrations
 APPROVED

MMDadoda
 5/17/2019 1:21:04 PM

Quant Time: May 17 08:10:08 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	146811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	245058	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111611	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	107500	53.64	ug/l	0.00
Spiked Amount						
			Recovery	=		107.28%
35) Dibromofluoromethane	5.50	113	79413	51.55	ug/l	0.00
Spiked Amount						
			Recovery	=		103.10%
50) Toluene-d8	8.71	98	305623	49.14	ug/l	0.00
Spiked Amount						
			Recovery	=		98.28%
62) 4-Bromofluorobenzene	11.13	95	115000	50.89	ug/l	0.00
Spiked Amount						
			Recovery	=		101.78%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	55823	41.262	ug/l	99
3) Chloromethane	1.32	50	91806	49.704	ug/l	99
4) Vinyl Chloride	1.41	62	88812	49.310	ug/l	99
5) Bromomethane	1.64	94	52406	48.477	ug/l	98
6) Chloroethane	1.72	64	58328	50.441	ug/l	99
7) Trichlorofluoromethane	1.93	101	109073	49.820	ug/l	100
8) Diethyl Ether	2.19	74	55433	53.453	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63167	45.945	ug/l	99
10) Methyl Iodide	2.51	142	88373	54.834	ug/l	99
11) Tert butyl alcohol	3.05	59	119065	256.655	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70398	51.105	ug/l	98
13) Acrolein	2.29	56	88735	211.207	ug/l	98
14) Allyl chloride	2.73	41	164044	48.866	ug/l	99
15) Acrylonitrile	3.14	53	306390	270.115	ug/l	99
16) Acetone	2.45	43	264926	246.180	ug/l	99
17) Carbon Disulfide	2.57	76	182338	47.147	ug/l	99
18) Methyl Acetate	2.78	43	120550	47.103	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	288899	54.008	ug/l	100
20) Methylene Chloride	2.85	84	89198	51.192	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	75551	50.573	ug/l	97
22) Diisopropyl ether	3.85	45	353951	54.826	ug/l	97
23) Vinyl Acetate	3.82	43	1355993	245.284	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167856	52.706	ug/l	99
25) 2-Butanone	4.67	43	447712	267.722	ug/l	97
26) 2,2-Dichloropropane	4.59	77	68472	28.884	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	109272	61.280	ug/l	95
28) Bromochloromethane	5.02	49	64103	50.001	ug/l	98
29) Tetrahydrofuran	5.13	42	299115	277.957	ug/l	98
30) Chloroform	5.21	83	155609	54.023	ug/l	98
31) Cyclohexane	5.58	56	139450	47.064	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	124402	51.881	ug/l	99
36) 1,1-Dichloropropene	5.80	75	109195	47.948	ug/l	99
37) Ethyl Acetate	4.83	43	152319	48.004	ug/l	99
38) Carbon Tetrachloride	5.79	117	99944	48.303	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	119260	42.641	ug/l	99
40) Benzene	6.14	78	355853	50.490	ug/l	98
41) Methacrylonitrile	5.04	41	97684	51.717	ug/l	99
42) 1,2-Dichloroethane	6.19	62	132943	52.583	ug/l	99
43) Isopropyl Acetate	6.45	43	252486	49.747	ug/l	99
44) Trichloroethene	7.21	130	83899	49.240	ug/l	99
45) 1,2-Dichloropropane	7.51	63	103311	51.766	ug/l	98
46) Dibromomethane	7.66	93	59154	51.042	ug/l	99
47) Bromodichloromethane	7.90	83	121595	52.598	ug/l	98
48) Methyl methacrylate	7.77	41	137031	54.420	ug/l	99
49) 1,4-Dioxane	7.74	88	48037	940.691	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	905246	272.877	ug/l	99
52) Toluene	8.79	92	216335	50.495	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	127189	48.731	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	138727	48.021	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	91960	52.612	ug/l	96
56) Ethyl methacrylate	9.18	69	165292	52.977	ug/l	97
57) 1,3-Dichloropropane	9.37	76	160349	52.132	ug/l	99
59) 2-Hexanone	9.49	43	702046	269.453	ug/l	98
60) Dibromochloromethane	9.58	129	90478	53.000	ug/l	98
61) 1,2-Dibromoethane	9.67	107	92713	52.548	ug/l	99
64) Tetrachloroethene	9.34	164	71450	46.354	ug/l	98
65) Chlorobenzene	10.13	112	225697	50.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	83891	51.477	ug/l	100
67) Ethyl Benzene	10.25	91	410553	49.627	ug/l	99
68) m/p-Xylenes	10.36	106	301986	99.891	ug/l	99
69) o-Xylene	10.69	106	150217	50.361	ug/l	100
70) Stvrene	10.71	104	265868	51.283	ug/l	99
71) Bromoform	10.85	173	68940	52.055	ug/l #	100
73) Isopropylbenzene	11.02	105	391558	48.244	ug/l	100
74) N-amyl acetate	10.90	43	221863	46.887	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	156450	51.709	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	132309m	51.105	ug/l	
77) Bromobenzene	11.26	156	99853	49.568	ug/l	99
78) n-propylbenzene	11.36	91	447094	48.235	ug/l	100
79) 2-Chlorotoluene	11.42	91	274887	48.069	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	333321	48.775	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42529	42.031	ug/l	97
82) 4-Chlorotoluene	11.51	91	313344	48.503	ug/l	100
83) tert-Butylbenzene	11.77	119	322521	48.514	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	337593	49.216	ug/l	100
85) sec-Butylbenzene	11.94	105	371194	47.096	ug/l	100
86) p-Isopropyltoluene	12.06	119	336725	47.523	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	177790	49.507	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	177336	48.980	ug/l	99
89) n-Butylbenzene	12.38	91	297663	46.479	ug/l	99
90) Hexachloroethane	12.60	117	59064	48.929	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	183755	50.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35217	51.887	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	127276	50.884	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	58408	45.727	ug/l	99
95) Naphthalene	13.83	128	422864	51.963	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	129639	51.130	ug/l	99

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

