

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012219\
 Data File : VX007191.D
 Acq On : 22 Jan 2019 19:28
 Operator : JC/SP
 Sample : K1215-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW524-2327MS

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:29:34 AM

Quant Time: Jan 23 02:14:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	446266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	663951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	624670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	327075	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	239937	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.90%		
35) Dibromofluoromethane	5.51	113	221694	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.28%		
50) Toluene-d8	8.71	98	808113	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.84%		
62) 4-Bromofluorobenzene	11.13	95	295263	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.84%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	172442	47.055	ug/l	98
3) Chloromethane	1.32	50	202268	47.411	ug/l	98
4) Vinyl Chloride	1.41	62	216871	47.257	ug/l	100
5) Bromomethane	1.64	94	222206	45.320	ug/l	99
6) Chloroethane	1.71	64	149656	46.704	ug/l	96
7) Trichlorofluoromethane	1.93	101	352087	47.483	ug/l	98
8) Diethyl Ether	2.19	74	142024	48.143	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	208700	47.012	ug/l	100
10) Methyl Iodide	2.51	142	325277	54.319	ug/l	100
11) Tert butyl alcohol	3.08	59	273987	249.040	ug/l	100
12) 1,1-Dichloroethene	2.37	96	194362	47.388	ug/l	98
13) Acrolein	2.29	56	159761	335.633	ug/l	97
14) Allyl chloride	2.73	41	340378	48.423	ug/l	98
15) Acrylonitrile	3.15	53	636494	252.017	ug/l	99
16) Acetone	2.45	43	536150	232.536	ug/l	99
17) Carbon Disulfide	2.57	76	421268	39.894	ug/l	99
18) Methyl Acetate	2.78	43	330286	49.466	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	703624	49.426	ug/l	98
20) Methylene Chloride	2.85	84	226902	51.760	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	206826	45.250	ug/l	97
22) Diisopropyl ether	3.87	45	655560	49.608	ug/l	98
23) Vinyl Acetate	3.82	43	2585503	232.000	ug/l	99
24) 1,1-Dichloroethane	3.70	63	362597	49.071	ug/l	99
25) 2-Butanone	4.70	43	822205	249.223	ug/l	98
26) 2,2-Dichloropropane	4.59	77	239823	42.207	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	240537	47.711	ug/l	100
28) Bromochloromethane	5.02	49	167262	51.664	ug/l	95
29) Tetrahydrofuran	5.15	42	524877	244.814	ug/l	98
30) Chloroform	5.21	83	387199	50.048	ug/l	100
31) Cyclohexane	5.57	56	299766	45.580	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	327125	49.885	ug/l	98
36) 1,1-Dichloropropene	5.80	75	267612	46.360	ug/l	100
37) Ethyl Acetate	4.85	43	292726	47.300	ug/l	98
38) Carbon Tetrachloride	5.78	117	281443	48.459	ug/l	99

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39) Methylcyclohexane	7.46	83	322767	43.860	ug/l	97
40) Benzene	6.14	78	854012	48.486	ug/l	99
41) Methacrylonitrile	5.06	41	170026	47.691	ug/l	99
42) 1,2-Dichloroethane	6.20	62	293960	48.296	ug/l	99
43) Isopropyl Acetate	6.46	43	476981	48.862	ug/l	98
44) Trichloroethene	7.21	130	246459	46.694	ug/l	97
45) 1,2-Dichloropropane	7.52	63	219330	49.531	ug/l	94
46) Dibromomethane	7.66	93	154042	49.498	ug/l	97
47) Bromodichloromethane	7.90	83	277509	52.387	ug/l	98
48) Methyl methacrylate	7.77	41	253472	50.563	ug/l	98
49) 1,4-Dioxane	7.75	88	115661	1010.385	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1637546	261.026	ug/l	99
52) Toluene	8.79	92	556718	49.176	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	302578	51.512	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	325980	50.252	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	242547	53.527	ug/l	98
56) Ethyl methacrylate	9.18	69	348623	52.701	ug/l	96
57) 1,3-Dichloropropane	9.37	76	379742	51.153	ug/l	100
59) 2-Hexanone	9.49	43	1235161	258.361	ug/l	100
60) Dibromochloromethane	9.59	129	246308	55.978	ug/l	97
61) 1,2-Dibromoethane	9.67	107	256874	51.493	ug/l	100
64) Tetrachloroethene	9.34	164	254456	47.050	ug/l	94
65) Chlorobenzene	10.14	112	656622	48.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	237628	51.847	ug/l	99
67) Ethyl Benzene	10.25	91	1077980	47.927	ug/l	99
68) m/p-Xylenes	10.36	106	854113	96.384	ug/l	99
69) o-Xylene	10.70	106	421245	48.742	ug/l	98
70) Styrene	10.71	104	680204	49.695	ug/l	100
71) Bromoform	10.86	173	183010	45.139	ug/l #	100
73) Isopropylbenzene	11.02	105	1123829	48.728	ug/l	98
74) N-amyl acetate	10.90	43	423613	45.619	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	352404	48.131	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	327527m	49.415	ug/l	
77) Bromobenzene	11.26	156	300834	47.339	ug/l	99
78) n-propylbenzene	11.36	91	1241263	49.026	ug/l	99
79) 2-Chlorotoluene	11.42	91	723779	47.490	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	913274	47.391	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	89827	41.588	ug/l	96
82) 4-Chlorotoluene	11.51	91	842706	47.755	ug/l	100
83) tert-Butylbenzene	11.77	119	910631	47.361	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	943437	48.684	ug/l	100
85) sec-Butylbenzene	11.94	105	1113000	48.470	ug/l	100
86) p-Isopropyltoluene	12.06	119	995004	48.443	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	541274	47.124	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	536365	49.287	ug/l	99
89) n-Butylbenzene	12.39	91	828342	47.309	ug/l	99
90) Hexachloroethane	12.60	117	153110	46.886	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	531336	46.875	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72872	50.323	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	368634	47.402	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	168907	48.943	ug/l	98
95) Naphthalene	13.83	128	1149447	48.777	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	366415	47.430	ug/l	99

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

