

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042519\
 Data File : VX009174.D
 Acq On : 25 Apr 2019 19:50
 Operator : JC/SP
 Sample : K2555-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HW-7MS

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 10:05:36 AM

Quant Time: Apr 26 06:53:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	189016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119580	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
35) Dibromofluoromethane	5.50	113	88970	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
50) Toluene-d8	8.71	98	350125	44.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.40%	
62) 4-Bromofluorobenzene	11.13	95	127871	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103966	47.754	ug/l	100
3) Chloromethane	1.32	50	125494	46.953	ug/l	100
4) Vinyl Chloride	1.40	62	122268	47.001	ug/l	99
5) Bromomethane	1.64	94	73242	45.349	ug/l	98
6) Chloroethane	1.71	64	74824	48.913	ug/l	97
7) Trichlorofluoromethane	1.92	101	141849	46.703	ug/l	99
8) Diethyl Ether	2.19	74	64886	46.713	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88309	45.474	ug/l	99
10) Methyl Iodide	2.51	142	100068	47.383	ug/l	100
11) Tert butyl alcohol	3.06	59	157224	265.902	ug/l	100
12) 1,1-Dichloroethene	2.37	96	91276	45.031	ug/l	99
13) Acrolein	2.29	56	111587	218.415	ug/l	100
14) Allyl chloride	2.73	41	214040	48.401	ug/l	99
15) Acrylonitrile	3.14	53	386605	257.570	ug/l	100
16) Acetone	2.45	43	333133	241.161	ug/l	100
17) Carbon Disulfide	2.57	76	260760	43.934	ug/l	100
18) Methyl Acetate	2.78	43	151317	43.891	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	345658	47.859	ug/l	100
20) Methylene Chloride	2.85	84	108459	45.912	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	97464	45.080	ug/l	95
22) Diisopropyl ether	3.86	45	417266	48.558	ug/l	# 87
23) Vinyl Acetate	3.82	43	1617736	214.163	ug/l	98
24) 1,1-Dichloroethane	3.70	63	202949	47.048	ug/l	99
25) 2-Butanone	4.68	43	570563	258.404	ug/l	99
26) 2,2-Dichloropropane	4.58	77	119062	36.822	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	113393	46.195	ug/l	99
28) Bromochloromethane	5.02	49	91854	51.317	ug/l	99
29) Tetrahydrofuran	5.13	42	379513	256.796	ug/l	99
30) Chloroform	5.21	83	185380	48.025	ug/l	100
31) Cyclohexane	5.57	56	195822	46.155	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	152743	47.743	ug/l	100
36) 1,1-Dichloropropene	5.80	75	141255	44.135	ug/l	100
37) Ethyl Acetate	4.84	43	186161	45.203	ug/l	99
38) Carbon Tetrachloride	5.78	117	127934	47.150	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171798	44.087	ug/l	99
40) Benzene	6.14	78	439103	46.506	ug/l	100
41) Methacrylonitrile	5.04	41	119554	50.580	ug/l	99
42) 1,2-Dichloroethane	6.20	62	157447	47.074	ug/l	100
43) Isopropyl Acetate	6.45	43	303824	45.779	ug/l	100
44) Trichloroethene	7.21	130	101760	43.987	ug/l	100
45) 1,2-Dichloropropane	7.51	63	124591	47.565	ug/l	97
46) Dibromomethane	7.66	93	71593	46.964	ug/l	99
47) Bromodichloromethane	7.90	83	144401	48.295	ug/l	100
48) Methyl methacrylate	7.77	41	165929	50.599	ug/l	98
49) 1,4-Dioxane	7.74	88	59026	961.679	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1112035	263.010	ug/l	99
52) Toluene	8.79	92	265239	46.873	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	160580	46.666	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	177549	46.081	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	107164	47.784	ug/l	99
56) Ethyl methacrylate	9.18	69	198947	49.473	ug/l	98
57) 1,3-Dichloropropane	9.37	76	191266	47.899	ug/l	100
59) 2-Hexanone	9.49	43	882053	270.586	ug/l	99
60) Dibromochloromethane	9.59	129	106922	49.745	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109852	47.459	ug/l	98
64) Tetrachloroethene	9.34	164	88524	41.467	ug/l	98
65) Chlorobenzene	10.14	112	271846	45.831	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98067	46.931	ug/l	99
67) Ethyl Benzene	10.25	91	503668	46.451	ug/l	100
68) m/p-Xylenes	10.36	106	368082	93.407	ug/l	99
69) o-Xylene	10.70	106	181707	47.390	ug/l	99
70) Stvrene	10.71	104	317147	47.731	ug/l	99
71) Bromoform	10.85	173	81217	48.787	ug/l #	99
73) Isopropylbenzene	11.02	105	479308	46.687	ug/l	100
74) N-amyl acetate	10.90	43	258291	43.817	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	185354	49.412	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	155519m	47.023	ug/l	
77) Bromobenzene	11.26	156	118169	45.620	ug/l	99
78) n-propylbenzene	11.36	91	555307	47.125	ug/l	100
79) 2-Chlorotoluene	11.42	91	331095	46.628	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	405946	47.120	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57447	44.593	ug/l	96
82) 4-Chlorotoluene	11.51	91	381070	46.208	ug/l	100
83) tert-Butylbenzene	11.77	119	400113	48.373	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	408854	46.622	ug/l	100
85) sec-Butylbenzene	11.94	105	464856	47.122	ug/l	100
86) p-Isopropyltoluene	12.06	119	419102	46.209	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	209014	46.103	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	208803	45.434	ug/l	100
89) n-Butylbenzene	12.38	91	378449	44.805	ug/l	99
90) Hexachloroethane	12.60	117	70781	47.311	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	214984	48.022	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44623	52.247	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	147678	45.697	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	71066	44.091	ug/l	98
95) Naphthalene	13.83	128	507313	48.998	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	150625	47.239	ug/l	100

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

