

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008668.D
 Acq On : 05 Apr 2019 04:32
 Operator : JC/SP
 Sample : K2274-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:53:26 AM

Quant Time: Apr 05 09:29:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128528	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	124029	47.89	ug/l	0.00
Spiked Amount						
			Recovery	=	95.78%	
35) Dibromofluoromethane	5.50	113	92350	47.60	ug/l	0.00
Spiked Amount						
			Recovery	=	95.20%	
50) Toluene-d8	8.71	98	376190	48.69	ug/l	0.00
Spiked Amount						
			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	136355	49.77	ug/l	0.00
Spiked Amount						
			Recovery	=	99.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	89659	43.865	ug/l	98
3) Chloromethane	1.32	50	124014	49.489	ug/l	100
4) Vinyl Chloride	1.40	62	561081	203.063	ug/l	99
5) Bromomethane	1.64	94	53204	39.500	ug/l	99
6) Chloroethane	1.71	64	74383	49.247	ug/l	99
7) Trichlorofluoromethane	1.93	101	139329	45.616	ug/l	99
8) Diethyl Ether	2.18	74	66725	46.067	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88868	45.191	ug/l	100
10) Methyl Iodide	2.51	142	69790	39.851	ug/l	99
11) Tert butyl alcohol	3.05	59	132866	219.127	ug/l	100
12) 1,1-Dichloroethene	2.37	96	102138	49.754	ug/l	100
13) Acrolein	2.29	56	50849	169.127	ug/l	99
14) Allyl chloride	2.73	41	208153	44.292	ug/l	99
15) Acrylonitrile	3.14	53	369762	230.194	ug/l	100
16) Acetone	2.45	43	307455	206.105	ug/l	100
17) Carbon Disulfide	2.57	76	274761	46.294	ug/l	100
18) Methyl Acetate	2.78	43	147622	40.803	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	349204	47.632	ug/l	93
20) Methylene Chloride	2.85	84	111376	44.604	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	110477	49.753	ug/l	95
22) Diisopropyl ether	3.85	45	420173	46.388	ug/l	93
23) Vinyl Acetate	3.81	43	1707761	216.727	ug/l	99
24) 1,1-Dichloroethane	3.70	63	216265	48.223	ug/l	99
25) 2-Butanone	4.68	43	519748	220.443	ug/l	99
26) 2,2-Dichloropropane	4.59	77	105283	33.332	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	5746198	2250.792	ug/l	88
28) Bromochloromethane	5.02	49	96862	51.815	ug/l	100
29) Tetrahydrofuran	5.13	42	347086	221.796	ug/l	99
30) Chloroform	5.21	83	184077	45.956	ug/l	99
31) Cyclohexane	5.58	56	215494	48.156	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	196325	60.653	ug/l	100
36) 1,1-Dichloropropene	5.80	75	144345	43.513	ug/l	99
37) Ethyl Acetate	4.84	43	183617	41.469	ug/l #	81
38) Carbon Tetrachloride	5.79	117	124458	45.331	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	243829	59.501	ug/l	97
40) Benzene	6.15	78	448992	45.433	ug/l	98
41) Methacrylonitrile	5.04	41	114374	44.938	ug/l	99
42) 1,2-Dichloroethane	6.19	62	157042	44.326	ug/l	100
43) Isopropyl Acetate	6.45	43	308696	44.505	ug/l	100
44) Trichloroethene	7.21	130	1723058	748.603	ug/l	99
45) 1,2-Dichloropropane	7.51	63	127178	45.087	ug/l	98
46) Dibromomethane	7.66	93	72394	44.252	ug/l	99
47) Bromodichloromethane	7.90	83	147371	47.776	ug/l	98
48) Methyl methacrylate	7.77	41	159626	45.494	ug/l	98
49) 1,4-Dioxane	7.74	88	51671	786.138	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1063723	238.230	ug/l	100
52) Toluene	8.79	92	266299	45.707	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	156884	45.404	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	175283	44.396	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105912	45.287	ug/l	98
56) Ethyl methacrylate	9.18	69	213621	50.484	ug/l	95
57) 1,3-Dichloropropane	9.37	76	190310	45.317	ug/l	99
59) 2-Hexanone	9.49	43	782995	225.644	ug/l	99
60) Dibromochloromethane	9.58	129	105471	47.859	ug/l	99
61) 1,2-Dibromoethane	9.67	107	111371	45.744	ug/l	98
64) Tetrachloroethene	9.34	164	2082394	1025.379	ug/l	99
65) Chlorobenzene	10.14	112	277920	45.740	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	97424	45.704	ug/l	99
67) Ethyl Benzene	10.25	91	514496	45.410	ug/l	100
68) m/p-Xylenes	10.36	106	368688	90.504	ug/l	99
69) o-Xylene	10.69	106	180250	45.657	ug/l	99
70) Styrene	10.71	104	317494	46.654	ug/l	99
71) Bromoform	10.85	173	78461	48.194	ug/l #	98
73) Isopropylbenzene	11.02	105	476640	44.749	ug/l	100
74) N-amyl acetate	10.90	43	271760	43.366	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	183496	45.297	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	154885m	43.867	ug/l	
77) Bromobenzene	11.26	156	116972	45.681	ug/l	99
78) n-propylbenzene	11.36	91	553421	44.622	ug/l	100
79) 2-Chlorotoluene	11.42	91	332142	44.254	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	402532	45.021	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53651	41.886	ug/l	97
82) 4-Chlorotoluene	11.51	91	384879	44.302	ug/l	99
83) tert-Butylbenzene	11.77	119	397095	46.163	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	408808	45.155	ug/l	100
85) sec-Butylbenzene	11.94	105	474572	46.447	ug/l	98
86) p-Isopropyltoluene	12.06	119	413530	45.092	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	204790	44.674	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207115	44.618	ug/l	99
89) n-Butylbenzene	12.38	91	390023	45.349	ug/l	100
90) Hexachloroethane	12.60	117	70460	46.323	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	205067	45.055	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39236	44.030	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	142629	45.070	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	66198	43.618	ug/l	100
95) Naphthalene	13.83	128	478929	45.281	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	141021	44.601	ug/l	96

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

