

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090718\
 Data File : VX004422.D
 Acq On : 07 Sep 2018 22:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:15:32 AM

Quant Time: Sep 08 05:05:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	473595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	439586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	281979	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204063	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	5.50	113	179524	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	8.71	98	669689	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.14	95	258397	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	146857	38.98	ug/l	96
3) Chloromethane	1.32	50	172292	41.43	ug/l	100
4) Vinyl Chloride	1.40	62	193394	45.38	ug/l	99
5) Bromomethane	1.64	94	77355	36.27	ug/l	97
6) Chloroethane	1.71	64	138673	45.71	ug/l	98
7) Trichlorofluoromethane	1.92	101	278379	47.67	ug/l	94
8) Diethyl Ether	2.18	74	129574	51.82	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	173558	47.45	ug/l	99
10) Methyl Iodide	2.51	142	169006	41.72	ug/l	98
11) Tert butyl alcohol	3.07	59	257524	285.00	ug/l	99
12) 1,1-Dichloroethene	2.37	96	166666	48.37	ug/l	98
13) Acrolein	2.29	56	63570	291.81	ug/l	97
14) Allyl chloride	2.72	41	327896	51.80	ug/l	95
15) Acrylonitrile	3.15	53	608681	272.00	ug/l	100
16) Acetone	2.45	43	479138	277.79	ug/l	97
17) Carbon Disulfide	2.56	76	401992	42.14	ug/l	100
18) Methyl Acetate	2.78	43	441060	70.12	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	607227	53.48	ug/l	97
20) Methylene Chloride	2.85	84	199172	48.81	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	178813	46.89	ug/l	98
22) Diisopropyl ether	3.87	45	621403	52.58	ug/l	95
23) Vinyl Acetate	3.82	43	2325009	242.71	ug/l	99
24) 1,1-Dichloroethane	3.69	63	352150	51.13	ug/l	99
25) 2-Butanone	4.70	43	777164	273.89	ug/l	99
26) 2,2-Dichloropropane	4.58	77	204055	37.77	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	212526	49.13	ug/l	97
28) Bromochloromethane	5.01	49	160806	52.73	ug/l	98
29) Tetrahydrofuran	5.16	42	496122	272.41	ug/l	99
30) Chloroform	5.21	83	351028	50.83	ug/l	99
31) Cyclohexane	5.57	56	287563	48.39	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	288719	50.14	ug/l	99
36) 1,1-Dichloropropene	5.79	75	254117	47.73	ug/l	99
37) Ethyl Acetate	4.86	43	269833	51.53	ug/l	99
38) Carbon Tetrachloride	5.78	117	246637	49.24	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	294266	48.41	ug/l	100
40) Benzene	6.14	78	796911	50.09	ug/l	100
41) Methacrylonitrile	5.06	41	163894	54.00	ug/l	99
42) 1,2-Dichloroethane	6.20	62	266531	49.11	ug/l	99
43) Isopropyl Acetate	6.46	43	431764	53.66	ug/l	99
44) Trichloroethene	7.21	130	216194	49.09	ug/l	99
45) 1,2-Dichloropropane	7.52	63	209921	52.72	ug/l	98
46) Dibromomethane	7.66	93	132148	49.84	ug/l	99
47) Bromodichloromethane	7.90	83	260722	52.85	ug/l	99
48) Methyl methacrylate	7.77	41	234696	54.51	ug/l	98
49) 1,4-Dioxane	7.76	88	114570	1172.07	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1523362	260.57	ug/l	100
52) Toluene	8.79	92	507388	50.95	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	281033	51.58	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	308311	51.95	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	212934	52.97	ug/l	98
56) Ethyl methacrylate	9.18	69	311812	56.98	ug/l	98
57) 1,3-Dichloropropane	9.37	76	357576	52.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	779785	278.09	ug/l	99
59) 2-Hexanone	9.50	43	1160806	260.27	ug/l	99
60) Dibromochloromethane	9.59	129	211880	54.10	ug/l	100
61) 1,2-Dibromoethane	9.67	107	212866	51.17	ug/l	99
64) Tetrachloroethene	9.34	164	227940	52.49	ug/l	98
65) Chlorobenzene	10.14	112	537784	48.75	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.22	131	199633	52.46	ug/l	98
67) Ethyl Benzene	10.25	91	957877	53.46	ug/l	98
68) m/p-Xylenes	10.36	106	749200	106.94	ug/l	95
69) o-Xylene	10.70	106	348107	52.53	ug/l	97
70) Styrene	10.71	104	594903	55.44	ug/l	99
71) Bromoform	10.86	173	167106	54.48	ug/l	100
73) Isopropylbenzene	11.02	105	994506	53.70	ug/l	100
74) N-amyl acetate	10.90	43	381974	53.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	323594	49.93	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	294870m	51.42	ug/l	
77) Bromobenzene	11.26	156	263192	50.66	ug/l	99
78) n-propylbenzene	11.36	91	1128525	52.98	ug/l	100
79) 2-Chlorotoluene	11.42	91	670397	51.13	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	824005	53.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	87478	49.49	ug/l	97
82) 4-Chlorotoluene	11.51	91	780409	50.59	ug/l	99
83) tert-Butylbenzene	11.77	119	824433	53.43	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	846131	53.75	ug/l	99
85) sec-Butylbenzene	11.94	105	1015102	55.41	ug/l	100
86) p-Isopropyltoluene	12.07	119	912961	55.61	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	482467	49.33	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	492501	47.76	ug/l	99
89) n-Butylbenzene	12.39	91	749834	56.16	ug/l	99
90) Hexachloroethane	12.60	117	129707	56.52	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	487146	54.49	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62881	55.08	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	353186	54.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	175268	57.94	ug/l	97
95) Naphthalene	13.83	128	1087721	59.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	372718	54.13	ug/l	98

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

