

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX080718\
 Data File : VX003872.D
 Acq On : 07 Aug 2018 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:00:54 PM

Quant Time: Aug 08 01:29:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	376971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	533402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	481805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	287356	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	243380	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	5.50	113	203699	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.71	98	803960	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.14	95	289066	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	197466	51.69	ug/l	98
3) Chloromethane	1.32	50	241131	46.39	ug/l	100
4) Vinyl Chloride	1.40	62	251627	48.55	ug/l	98
5) Bromomethane	1.64	94	145960	54.21	ug/l	99
6) Chloroethane	1.71	64	168399	50.78	ug/l	97
7) Trichlorofluoromethane	1.92	101	337159	49.27	ug/l	99
8) Diethyl Ether	2.18	74	147841	48.06	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	211031	49.33	ug/l	100
10) Methyl Iodide	2.51	142	268473	50.45	ug/l	100
11) Tert butyl alcohol	3.07	59	264916	220.62	ug/l	100
12) 1,1-Dichloroethene	2.37	96	195084	48.22	ug/l	99
13) Acrolein	2.29	56	140529	227.06	ug/l	99
14) Allyl chloride	2.72	41	381635	48.93	ug/l	99
15) Acrylonitrile	3.15	53	645642	225.33	ug/l	100
16) Acetone	2.45	43	713240	239.92	ug/l	99
17) Carbon Disulfide	2.57	76	562602	49.07	ug/l	100
18) Methyl Acetate	2.78	43	289837	44.77	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	699907	48.82	ug/l	99
20) Methylene Chloride	2.86	84	225902	48.15	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	214791	46.76	ug/l	99
22) Diisopropyl ether	3.87	45	690810	48.18	ug/l	97
23) Vinyl Acetate	3.82	43	2930841	245.69	ug/l	99
24) 1,1-Dichloroethane	3.69	63	406632	47.75	ug/l	100
25) 2-Butanone	4.70	43	1043815	233.53	ug/l	99
26) 2,2-Dichloropropane	4.58	77	325677	53.03	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	241469	48.45	ug/l	98
28) Bromochloromethane	5.01	49	179789	49.33	ug/l	100
29) Tetrahydrofuran	5.16	42	525093	228.56	ug/l	99
30) Chloroform	5.21	83	393731	49.11	ug/l	98
31) Cyclohexane	5.57	56	362191	50.29	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	338951	50.41	ug/l	100
36) 1,1-Dichloropropene	5.79	75	308391	51.62	ug/l	100
37) Ethyl Acetate	4.86	43	318152	48.41	ug/l	100
38) Carbon Tetrachloride	5.78	117	298995	52.58	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	380624	54.04	ug/l	99
40) Benzene	6.14	78	920043	51.29	ug/l	100
41) Methacrylonitrile	5.06	41	176994	48.90	ug/l	100
42) 1,2-Dichloroethane	6.20	62	309958	51.10	ug/l	100
43) Isopropyl Acetate	6.46	43	500581	50.62	ug/l	100
44) Trichloroethene	7.21	130	247841	50.52	ug/l	93
45) 1,2-Dichloropropane	7.52	63	234593	50.64	ug/l	100
46) Dibromomethane	7.66	93	149965	49.86	ug/l	99
47) Bromodichloromethane	7.90	83	294383	51.96	ug/l	100
48) Methyl methacrylate	7.78	41	259605	51.64	ug/l	100
49) 1,4-Dioxane	7.76	88	116936	987.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2065843	252.02	ug/l	100
52) Toluene	8.79	92	589552	52.01	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	349480	54.57	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	375784	54.42	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	233758	50.47	ug/l	98
56) Ethyl methacrylate	9.18	69	360356	53.62	ug/l	99
57) 1,3-Dichloropropane	9.37	76	395018	50.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	907236	274.54	ug/l	100
59) 2-Hexanone	9.50	43	1594967	260.30	ug/l	100
60) Dibromochloromethane	9.59	129	237445	54.98	ug/l	100
61) 1,2-Dibromoethane	9.68	107	244187	52.66	ug/l	100
64) Tetrachloroethene	9.34	164	235175	49.62	ug/l	94
65) Chlorobenzene	10.14	112	633563	50.54	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	228125	52.93	ug/l	98
67) Ethyl Benzene	10.25	91	1104724	53.83	ug/l	98
68) m/p-Xylenes	10.36	106	877823	109.47	ug/l	96
69) o-Xylene	10.70	106	419115	55.37	ug/l	95
70) Styrene	10.71	104	715672	57.75	ug/l	98
71) Bromoform	10.86	173	181257	49.62	ug/l	99
73) Isopropylbenzene	11.02	105	1120850	52.73	ug/l	96
74) N-amyl acetate	6.46	43	500581	45.28	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	338731	46.49	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	314648m	49.57	ug/l	
77) Bromobenzene	11.26	156	275703	48.62	ug/l	97
78) n-propylbenzene	11.36	91	1257248	52.67	ug/l	100
79) 2-Chlorotoluene	11.42	91	735018	50.50	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	927473	53.51	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	112060	48.12	ug/l	94
82) 4-Chlorotoluene	11.51	91	875217	51.33	ug/l	99
83) tert-Butylbenzene	11.77	119	912770	53.53	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	965023	55.37	ug/l	99
85) sec-Butylbenzene	11.95	105	1089429	54.14	ug/l	98
86) p-Isopropyltoluene	12.07	119	967557	53.58	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	535546	51.09	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	534769	53.22	ug/l	100
89) n-Butylbenzene	12.39	91	811222	51.55	ug/l	100
90) Hexachloroethane	12.60	117	144484	49.28	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	487831	46.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	67644	45.32	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	362955	48.57	ug/l	100
94) Hexachlorobutadiene	13.79	225	166845	50.60	ug/l	100
95) Naphthalene	13.83	128	1064702	49.74	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	361239	48.44	ug/l	100

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

