

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041019\
 Data File : VX008820.D
 Acq On : 10 Apr 2019 21:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:48:26 AM

Quant Time: Apr 11 08:07:49 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	5.66	168	162766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116509	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
35) Dibromofluoromethane	5.49	113	85719	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	8.71	98	347218	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	123455	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	74916	39.986	ug/l	100
3) Chloromethane	1.32	50	106288	46.160	ug/l	99
4) Vinyl Chloride	1.40	62	105107	41.500	ug/l	98
5) Bromomethane	1.64	94	58121	46.713	ug/l	99
6) Chloroethane	1.71	64	62101	44.568	ug/l	98
7) Trichlorofluoromethane	1.92	101	120699	43.111	ug/l	99
8) Diethyl Ether	2.19	74	57664	43.432	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78746	43.686	ug/l	98
10) Methyl Iodide	2.51	142	79279	48.428	ug/l	100
11) Tert butyl alcohol	3.05	59	128425	231.067	ug/l	100
12) 1,1-Dichloroethene	2.37	96	81838	43.491	ug/l	96
13) Acrolein	2.29	56	128099	464.816	ug/l	99
14) Allyl chloride	2.73	41	196088	45.520	ug/l	98
15) Acrylonitrile	3.14	53	337373	229.133	ug/l	99
16) Acetone	2.45	43	291249	212.999	ug/l	98
17) Carbon Disulfide	2.57	76	226599	41.577	ug/l	99
18) Methyl Acetate	2.77	43	157001	47.343	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	319089	47.483	ug/l	99
20) Methylene Chloride	2.85	84	100307	43.825	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	86858	42.674	ug/l	94
22) Diisopropyl ether	3.85	45	389780	46.946	ug/l	95
23) Vinyl Acetate	3.81	43	1710580	236.829	ug/l	99
24) 1,1-Dichloroethane	3.70	63	188824	45.934	ug/l	99
25) 2-Butanone	4.67	43	504250	233.322	ug/l	100
26) 2,2-Dichloropropane	4.59	77	124445	42.982	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	104526	44.667	ug/l	99
28) Bromochloromethane	5.01	49	100245	58.918	ug/l	99
29) Tetrahydrofuran	5.13	42	332457	231.771	ug/l	99
30) Chloroform	5.21	83	171438	46.693	ug/l	97
31) Cyclohexane	5.58	56	175680	42.830	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	138234	46.590	ug/l	100
36) 1,1-Dichloropropene	5.80	75	128788	43.462	ug/l	99
37) Ethyl Acetate	4.83	43	190247	48.100	ug/l	100
38) Carbon Tetrachloride	5.79	117	112608	45.915	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	154227	42.133	ug/l	99
40) Benzene	6.14	78	404626	45.836	ug/l	99
41) Methacrylonitrile	5.04	41	108839	47.873	ug/l	98
42) 1,2-Dichloroethane	6.19	62	144915	45.790	ug/l	100
43) Isopropyl Acetate	6.45	43	297789	48.062	ug/l	99
44) Trichloroethene	7.21	130	93651	45.549	ug/l	100
45) 1,2-Dichloropropane	7.51	63	117122	46.484	ug/l	100
46) Dibromomethane	7.66	93	65665	44.934	ug/l	98
47) Bromodichloromethane	7.90	83	131460	47.710	ug/l	99
48) Methyl methacrylate	7.77	41	151746	48.416	ug/l	98
49) 1,4-Dioxane	7.74	88	53986	919.498	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	978072	245.221	ug/l	99
52) Toluene	8.78	92	242879	46.668	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	149784	48.529	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	166955	47.340	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	99498	47.628	ug/l	99
56) Ethyl methacrylate	9.18	69	185343	49.035	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177356	47.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	494181	256.046	ug/l	100
59) 2-Hexanone	9.49	43	725220	233.966	ug/l	100
60) Dibromochloromethane	9.58	129	97861	49.711	ug/l	100
61) 1,2-Dibromoethane	9.67	107	101978	46.890	ug/l	99
64) Tetrachloroethene	9.34	164	83542	46.622	ug/l	98
65) Chlorobenzene	10.13	112	247732	46.208	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	89770	47.729	ug/l	99
67) Ethyl Benzene	10.25	91	462824	46.297	ug/l	100
68) m/p-Xylenes	10.36	106	332704	92.561	ug/l	99
69) o-Xylene	10.69	106	162551	46.664	ug/l	98
70) Styrene	10.71	104	285959	47.624	ug/l	100
71) Bromoform	10.85	173	70728	49.238	ug/l #	99
73) Isopropylbenzene	11.02	105	435375	47.667	ug/l	100
74) N-amyl acetate	10.90	43	253517	47.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	156135	44.948	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	137953m	45.565	ug/l	
77) Bromobenzene	11.26	156	104767	47.714	ug/l	98
78) n-propylbenzene	11.36	91	501440	47.150	ug/l	100
79) 2-Chlorotoluene	11.42	91	295432	45.905	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	362599	47.294	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51933	47.283	ug/l	98
82) 4-Chlorotoluene	11.51	91	341556	45.849	ug/l	98
83) tert-Butylbenzene	11.77	119	347726	47.142	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	367298	47.313	ug/l	100
85) sec-Butylbenzene	11.94	105	415158	47.384	ug/l	99
86) p-Isopropyltoluene	12.06	119	374428	47.614	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182193	46.350	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	181517	45.602	ug/l	99
89) n-Butylbenzene	12.38	91	347574	47.130	ug/l	100
90) Hexachloroethane	12.60	117	62816	48.161	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	179938	46.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34846	45.602	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124474	45.870	ug/l	98
94) Hexachlorobutadiene	13.78	225	61623	47.351	ug/l	98
95) Naphthalene	13.83	128	422330	46.566	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127228	46.926	ug/l	98

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

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