

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011619\
 Data File : VX007076.D
 Acq On : 16 Jan 2019 16:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/17/2019 9:09:57 AM

Quant Time: Jan 17 00:23:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	514038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	748946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	705922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	381586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	267907	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	5.50	113	242209	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	8.71	98	907654	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	11.13	95	340186	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	217152	51.442	ug/l 96
3) Chloromethane	1.33	50	236154	48.056	ug/l 99
4) Vinyl Chloride	1.41	62	250249	47.341	ug/l 99
5) Bromomethane	1.64	94	252527	44.713	ug/l 96
6) Chloroethane	1.71	64	161957	43.879	ug/l 100
7) Trichlorofluoromethane	1.93	101	400188	46.854	ug/l 95
8) Diethyl Ether	2.19	74	151647	44.628	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	242733	47.469	ug/l 100
10) Methyl Iodide	2.51	142	357956	51.895	ug/l 100
11) Tert butyl alcohol	3.06	59	271274	214.065	ug/l 100
12) 1,1-Dichloroethene	2.37	96	218330	46.213	ug/l 99
13) Acrolein	2.29	56	116358	213.355	ug/l 100
14) Allyl chloride	2.73	41	376187	46.461	ug/l 99
15) Acrylonitrile	3.15	53	660443	227.023	ug/l 99
16) Acetone	2.45	43	602308	226.789	ug/l 98
17) Carbon Disulfide	2.57	76	519683	42.725	ug/l 99
18) Methyl Acetate	2.78	43	353507	45.963	ug/l 96
19) Methyl tert-butyl Ether	3.20	73	752757	45.906	ug/l 99
20) Methylene Chloride	2.85	84	250356	49.557	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	232417	44.145	ug/l 99
22) Diisopropyl ether	3.86	45	759337	49.885	ug/l 94
23) Vinyl Acetate	3.82	43	3186123	248.202	ug/l 98
24) 1,1-Dichloroethane	3.70	63	418406	49.158	ug/l 98
25) 2-Butanone	4.69	43	892247	234.797	ug/l 99
26) 2,2-Dichloropropane	4.58	77	312752	47.785	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	266412	45.876	ug/l 97
28) Bromochloromethane	5.02	49	177982	47.727	ug/l 98
29) Tetrahydrofuran	5.15	42	555581	224.970	ug/l 97
30) Chloroform	5.21	83	428786	48.116	ug/l 98
31) Cyclohexane	5.57	56	357274	47.161	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	363161	48.079	ug/l 99
36) 1,1-Dichloropropene	5.79	75	309410	47.518	ug/l 100
37) Ethyl Acetate	4.85	43	326007	46.700	ug/l 98
38) Carbon Tetrachloride	5.78	117	320716	48.954	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	402980	48.545	ug/l	98
40) Benzene	6.14	78	943296	47.477	ug/l	99
41) Methacrylonitrile	5.06	41	185088	46.024	ug/l	97
42) 1,2-Dichloroethane	6.19	62	322876	47.027	ug/l	99
43) Isopropyl Acetate	6.45	43	526573	47.821	ug/l	98
44) Trichloroethene	7.21	130	279565	46.956	ug/l	96
45) 1,2-Dichloropropane	7.51	63	241678	48.384	ug/l	99
46) Dibromomethane	7.66	93	168921	48.119	ug/l	98
47) Bromodichloromethane	7.90	83	303539	50.798	ug/l	100
48) Methyl methacrylate	7.77	41	277810	49.128	ug/l	97
49) 1,4-Dioxane	7.75	88	123672	957.309	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1771407	250.319	ug/l	98
52) Toluene	8.78	92	614794	48.143	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	341415	51.527	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	373471	51.040	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	263676	51.586	ug/l	99
56) Ethyl methacrylate	9.18	69	386300	51.769	ug/l	96
57) 1,3-Dichloropropane	9.37	76	410532	49.025	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	974541	254.009	ug/l	99
59) 2-Hexanone	9.49	43	1334279	247.420	ug/l	99
60) Dibromochloromethane	9.58	129	272342	54.871	ug/l	99
61) 1,2-Dibromoethane	9.67	107	282522	50.207	ug/l	100
64) Tetrachloroethene	9.34	164	276627	45.262	ug/l	96
65) Chlorobenzene	10.13	112	736304	47.823	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	263091	50.796	ug/l	100
67) Ethyl Benzene	10.25	91	1217229	47.889	ug/l	100
68) m/p-Xylenes	10.36	106	986784	98.538	ug/l	100
69) o-Xylene	10.69	106	481783	49.331	ug/l	98
70) Styrene	10.71	104	782683	50.600	ug/l	99
71) Bromoform	10.85	173	205822	44.945	ug/l	99
73) Isopropylbenzene	11.02	105	1290162	47.949	ug/l	98
74) N-amyl acetate	10.90	43	495190	45.710	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	387120	45.319	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	363928m	47.064	ug/l	
77) Bromobenzene	11.26	156	343901	46.386	ug/l	99
78) n-propylbenzene	11.36	91	1456556	49.311	ug/l	99
79) 2-Chlorotoluene	11.42	91	839841	47.233	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1077631	47.931	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	109405	43.250	ug/l	99
82) 4-Chlorotoluene	11.51	91	995304	48.345	ug/l	100
83) tert-Butylbenzene	11.77	119	1072773	47.824	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1094181	48.397	ug/l	100
85) sec-Butylbenzene	11.94	105	1324017	49.423	ug/l	100
86) p-Isopropyltoluene	12.06	119	1196516	49.933	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	630794	47.072	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	629304	49.565	ug/l	100
89) n-Butylbenzene	12.38	91	1045897	51.201	ug/l	99
90) Hexachloroethane	12.60	117	182730	47.896	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	612461	46.313	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	80170	47.454	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	445075	49.055	ug/l	99
94) Hexachlorobutadiene	13.78	225	203746	50.605	ug/l	99
95) Naphthalene	13.83	128	1298881	47.244	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	436131	48.390	ug/l	98

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

