

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020419\
 Data File : VX007350.D
 Acq On : 04 Feb 2019 10:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 9:52:34 AM

Quant Time: Feb 05 00:02:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	496897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	707756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	666301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	359200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	254826	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	5.50	113	230917	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	8.71	98	877168	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.13	95	322773	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	312528	51.179	ug/l	98
3) Chloromethane	1.33	50	273954	48.948	ug/l	100
4) Vinyl Chloride	1.41	62	278294	50.685	ug/l	99
5) Bromomethane	1.64	94	270809	49.880	ug/l	97
6) Chloroethane	1.72	64	166458	46.865	ug/l	99
7) Trichlorofluoromethane	1.93	101	418837	48.763	ug/l	99
8) Diethyl Ether	2.19	74	149060	46.108	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	248683	48.674	ug/l	99
10) Methyl Iodide	2.51	142	369288	49.134	ug/l	99
11) Tert butyl alcohol	3.07	59	243697	223.270	ug/l	98
12) 1,1-Dichloroethene	2.37	96	220429	46.461	ug/l	97
13) Acrolein	2.29	56	163070	318.602	ug/l	98
14) Allyl chloride	2.73	41	378799	49.001	ug/l	99
15) Acrylonitrile	3.15	53	643591	238.356	ug/l	99
16) Acetone	2.45	43	603447	249.776	ug/l	99
17) Carbon Disulfide	2.57	76	602508	48.626	ug/l	99
18) Methyl Acetate	2.78	43	315688	50.149	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	722352	46.996	ug/l	100
20) Methylene Chloride	2.85	84	244649	49.573	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	235416	46.581	ug/l	99
22) Diisopropyl ether	3.87	45	681867	47.953	ug/l	97
23) Vinyl Acetate	3.82	43	2958997	250.770	ug/l	100
24) 1,1-Dichloroethane	3.70	63	408926	50.077	ug/l	99
25) 2-Butanone	4.70	43	829955	241.393	ug/l	99
26) 2,2-Dichloropropane	4.58	77	308536	49.613	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	251664	45.590	ug/l	99
28) Bromochloromethane	5.02	49	188141	50.101	ug/l	98
29) Tetrahydrofuran	5.15	42	534662	247.255	ug/l	99
30) Chloroform	5.21	83	401820	47.156	ug/l	97
31) Cyclohexane	5.57	56	359003	48.950	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	356658	49.587	ug/l	99
36) 1,1-Dichloropropene	5.80	75	304411	47.937	ug/l	100
37) Ethyl Acetate	4.85	43	310003	48.292	ug/l	98
38) Carbon Tetrachloride	5.79	117	323648	52.534	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	397393	51.723	ug/l	97
40) Benzene	6.14	78	904412	48.349	ug/l	99
41) Methacrylonitrile	5.06	41	176735	51.370	ug/l	98
42) 1,2-Dichloroethane	6.20	62	308971	47.738	ug/l	99
43) Isopropyl Acetate	6.46	43	502523	50.717	ug/l	99
44) Trichloroethene	7.21	130	270836	48.073	ug/l	97
45) 1,2-Dichloropropane	7.51	63	228527	48.759	ug/l	99
46) Dibromomethane	7.66	93	162883	47.817	ug/l	99
47) Bromodichloromethane	7.90	83	296485	51.356	ug/l	98
48) Methyl methacrylate	7.77	41	260933	52.649	ug/l	99
49) 1,4-Dioxane	7.75	88	100678	893.974	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1658389	254.249	ug/l	100
52) Toluene	8.78	92	599477	49.671	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	336266	54.226	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	363862	53.357	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	242737	48.250	ug/l	98
56) Ethyl methacrylate	9.18	69	354863	50.929	ug/l	99
57) 1,3-Dichloropropane	9.37	76	391106	48.885	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	966356	263.127	ug/l	99
59) 2-Hexanone	9.49	43	1267342	249.686	ug/l	100
60) Dibromochloromethane	9.59	129	262380	55.145	ug/l	98
61) 1,2-Dibromoethane	9.67	107	265962	49.921	ug/l	100
64) Tetrachloroethene	9.34	164	299210	47.644	ug/l	99
65) Chlorobenzene	10.14	112	689864	47.446	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	252654	51.828	ug/l	99
67) Ethyl Benzene	10.25	91	1160334	49.555	ug/l	100
68) m/p-Xylenes	10.36	106	920538	98.901	ug/l	99
69) o-Xylene	10.69	106	443347	49.501	ug/l	99
70) Styrene	10.71	104	726811	50.038	ug/l	100
71) Bromoform	10.86	173	203755	47.844	ug/l	99
73) Isopropylbenzene	11.02	105	1201385	49.218	ug/l	99
74) N-amyl acetate	10.90	43	462428	48.979	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	351899	47.304	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	345416m	49.438	ug/l	
77) Bromobenzene	11.26	156	322475	46.888	ug/l	99
78) n-propylbenzene	11.36	91	1370688	51.209	ug/l	100
79) 2-Chlorotoluene	11.42	91	785451	48.361	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1001103	50.130	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110285	48.891	ug/l	95
82) 4-Chlorotoluene	11.51	91	936262	49.820	ug/l	99
83) tert-Butylbenzene	11.77	119	974235	49.275	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1015649	50.096	ug/l	100
85) sec-Butylbenzene	11.94	105	1223105	51.112	ug/l	100
86) p-Isopropyltoluene	12.06	119	1111661	51.463	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	587650	47.611	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	581048	46.401	ug/l	100
89) n-Butylbenzene	12.39	91	952924	51.281	ug/l	99
90) Hexachloroethane	12.60	117	179825	55.623	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	575755	46.872	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	76582	49.510	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	414101	49.989	ug/l	99
94) Hexachlorobutadiene	13.78	225	202385	50.314	ug/l	100
95) Naphthalene	13.83	128	1194064	49.291	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	402817	48.308	ug/l	99

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

