

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011320\
 Data File : VX014594.D
 Acq On : 13 Jan 2020 18:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/14/2020 3:11:23 PM

Quant Time: Jan 14 15:01:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	474239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	712157	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	645870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	265070	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.49	113	220431	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	8.71	98	844435	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	299851	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	279796	47.534	ug/l	99
3) Chloromethane	1.32	50	290978	48.134	ug/l	100
4) Vinyl Chloride	1.40	62	338549	50.259	ug/l	98
5) Bromomethane	1.63	94	201996	45.238	ug/l	99
6) Chloroethane	1.72	64	187643	51.150	ug/l	99
7) Trichlorofluoromethane	1.92	101	371953	48.677	ug/l	99
8) Diethyl Ether	2.18	74	164042	47.056	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	218533	47.008	ug/l	99
10) Methyl Iodide	2.50	142	296270	53.223	ug/l	100
11) Tert butyl alcohol	3.03	59	286395	259.087	ug/l	99
12) 1,1-Dichloroethene	2.36	96	219346	46.831	ug/l	99
13) Acrolein	2.28	56	206217	232.748	ug/l	98
14) Allyl chloride	2.72	41	398744	48.490	ug/l	99
15) Acrylonitrile	3.13	53	684098	256.416	ug/l	99
16) Acetone	2.43	43	641074	241.363	ug/l	98
17) Carbon Disulfide	2.56	76	576544	44.115	ug/l	100
18) Methyl Acetate	2.76	43	412172	54.168	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	747116	49.689	ug/l	99
20) Methylene Chloride	2.85	84	260422	48.898	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	235872	46.128	ug/l	98
22) Diisopropyl ether	3.84	45	809312	50.927	ug/l	97
23) Vinyl Acetate	3.80	43	3214523	261.265	ug/l	100
24) 1,1-Dichloroethane	3.69	63	434511	50.261	ug/l	99
25) 2-Butanone	4.65	43	975058	246.564	ug/l	99
26) 2,2-Dichloropropane	4.58	77	336445	45.941	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	272720	47.710	ug/l	99
28) Bromochloromethane	5.01	49	174841	47.997	ug/l	97
29) Tetrahydrofuran	5.11	42	618714	264.623	ug/l	98
30) Chloroform	5.20	83	421279	49.869	ug/l	97
31) Cyclohexane	5.57	56	398782	49.282	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	355316	49.138	ug/l	100
36) 1,1-Dichloropropene	5.79	75	317563	47.417	ug/l	99
37) Ethyl Acetate	4.82	43	370093	50.875	ug/l	99
38) Carbon Tetrachloride	5.78	117	303698	49.278	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	405029	48.138	ug/l	98
40) Benzene	6.13	78	989412	49.776	ug/l	98
41) Methacrylonitrile	5.03	41	205998	53.102	ug/l	98
42) 1,2-Dichloroethane	6.18	62	339804	48.894	ug/l	100
43) Isopropyl Acetate	6.43	43	608279	51.762	ug/l	99
44) Trichloroethene	7.21	130	270992	47.441	ug/l	99
45) 1,2-Dichloropropane	7.51	63	256608	50.636	ug/l	99
46) Dibromomethane	7.65	93	165761	46.864	ug/l	99
47) Bromodichloromethane	7.89	83	327316	50.857	ug/l	100
48) Methyl methacrylate	7.76	41	299310	53.179	ug/l	99
49) 1,4-Dioxane	7.73	88	124854	1046.917	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1894467	264.553	ug/l	99
52) Toluene	8.78	92	621428	48.838	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	367192	49.005	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	406285	50.195	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	255425	49.977	ug/l	99
56) Ethyl methacrylate	9.17	69	406955	51.974	ug/l	99
57) 1,3-Dichloropropane	9.37	76	424340	49.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	701509	263.326	ug/l	99
59) 2-Hexanone	9.48	43	1458494	257.407	ug/l	99
60) Dibromochloromethane	9.57	129	266882	51.953	ug/l	99
61) 1,2-Dibromoethane	9.67	107	265743	49.086	ug/l	99
64) Tetrachloroethene	9.33	164	281012	43.413	ug/l	99
65) Chlorobenzene	10.14	112	666929	47.582	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	251316	50.242	ug/l	99
67) Ethyl Benzene	10.25	91	1175348	49.198	ug/l	99
68) m/p-Xylenes	10.35	106	902871	97.960	ug/l	99
69) o-Xylene	10.70	106	439372	49.963	ug/l	100
70) Styrene	10.71	104	757998	49.947	ug/l	99
71) Bromoform	10.85	173	206035	50.344	ug/l #	100
73) Isopropylbenzene	11.01	105	1160177	50.277	ug/l	100
74) N-amyl acetate	10.89	43	542978	53.334	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	389696	52.659	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	320367m	47.119	ug/l	
77) Bromobenzene	11.25	156	302463	47.264	ug/l	99
78) n-propylbenzene	11.35	91	1325060	50.139	ug/l	99
79) 2-Chlorotoluene	11.42	91	774901	49.198	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	962713	50.250	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	132489	51.518	ug/l	99
82) 4-Chlorotoluene	11.51	91	891679	48.229	ug/l	99
83) tert-Butylbenzene	11.76	119	925794	51.143	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	972270	50.223	ug/l	100
85) sec-Butylbenzene	11.94	105	1107404	49.210	ug/l	100
86) p-Isopropyltoluene	12.06	119	1043423	49.967	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	533882	46.486	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	534437	49.527	ug/l	99
89) n-Butylbenzene	12.39	91	896148	46.935	ug/l	100
90) Hexachloroethane	12.59	117	183856	50.123	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	538495	47.857	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	84303	50.644	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	368412	46.643	ug/l	100
94) Hexachlorobutadiene	13.78	225	179123	48.430	ug/l	99
95) Naphthalene	13.83	128	1122604	45.798	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	363546	46.889	ug/l	99

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

