

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051319\
 Data File : VX009551.D
 Acq On : 13 May 2019 18:14
 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
 5/14/2019 12:16:03 PM

Quant Time: May 14 04:52:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	159515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	254769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108853	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	5.50	113	81586	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	8.71	98	326340	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	120768	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65227	44.374	ug/l	98
3) Chloromethane	1.32	50	99914	49.786	ug/l	100
4) Vinyl Chloride	1.41	62	96054	49.084	ug/l	98
5) Bromomethane	1.64	94	58688	49.965	ug/l	94
6) Chloroethane	1.71	64	63272	50.358	ug/l	100
7) Trichlorofluoromethane	1.93	101	121832	51.216	ug/l	95
8) Diethyl Ether	2.19	74	56251	49.922	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75825	50.760	ug/l	99
10) Methyl Iodide	2.51	142	92945	53.225	ug/l	99
11) Tert butyl alcohol	3.05	59	118117	234.334	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75665	50.554	ug/l	95
13) Acrolein	2.29	56	112189	245.766	ug/l	99
14) Allyl chloride	2.73	41	179785	49.290	ug/l	99
15) Acrylonitrile	3.14	53	304379	246.971	ug/l	100
16) Acetone	2.45	43	283796	242.712	ug/l	98
17) Carbon Disulfide	2.57	76	212747	50.628	ug/l	99
18) Methyl Acetate	2.78	43	130784	47.032	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	293675	50.528	ug/l	99
20) Methylene Chloride	2.85	84	92099	48.647	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	82657	50.923	ug/l	98
22) Diisopropyl ether	3.85	45	354427	50.527	ug/l	96
23) Vinyl Acetate	3.81	43	1583130	263.563	ug/l	100
24) 1,1-Dichloroethane	3.70	63	172370	49.813	ug/l	99
25) 2-Butanone	4.67	43	454490	250.131	ug/l	100
26) 2,2-Dichloropropane	4.59	77	129083	50.116	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	98186	50.678	ug/l	99
28) Bromochloromethane	5.01	49	61298	43.658	ug/l	99
29) Tetrahydrofuran	5.13	42	296217	253.342	ug/l	99
30) Chloroform	5.21	83	159999	51.123	ug/l	100
31) Cyclohexane	5.58	56	164715	51.163	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	131459	50.458	ug/l	99
36) 1,1-Dichloropropene	5.80	75	120872	51.052	ug/l	99
37) Ethyl Acetate	4.83	43	167995	50.927	ug/l	100
38) Carbon Tetrachloride	5.79	117	111197	51.693	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	150808	51.866	ug/l	99
40) Benzene	6.14	78	377457	51.514	ug/l	100
41) Methacrylonitrile	5.04	41	98140	49.978	ug/l	100
42) 1,2-Dichloroethane	6.20	62	135365	51.500	ug/l	99
43) Isopropyl Acetate	6.45	43	271415	51.438	ug/l	100
44) Trichloroethene	7.21	130	90563	51.125	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106337	51.252	ug/l	98
46) Dibromomethane	7.66	93	61356	50.924	ug/l	98
47) Bromodichloromethane	7.90	83	124132	51.649	ug/l	96
48) Methyl methacrylate	7.77	41	136409	52.108	ug/l	99
49) 1,4-Dioxane	7.74	88	49193	926.609	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	894256	259.289	ug/l	100
52) Toluene	8.79	92	230761	51.809	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	142687	52.586	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	158320	52.714	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	92914	51.132	ug/l	98
56) Ethyl methacrylate	9.18	69	170040	52.422	ug/l	99
57) 1,3-Dichloropropane	9.37	76	164750	51.521	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	389900	226.585	ug/l	99
59) 2-Hexanone	9.49	43	694655	256.453	ug/l	100
60) Dibromochloromethane	9.58	129	94549	53.274	ug/l	100
61) 1,2-Dibromoethane	9.67	107	95096	51.844	ug/l	99
64) Tetrachloroethene	9.34	164	81670	51.223	ug/l	99
65) Chlorobenzene	10.13	112	238638	51.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	86797	51.490	ug/l	100
67) Ethyl Benzene	10.25	91	443797	51.862	ug/l	99
68) m/p-Xylenes	10.36	106	326962	104.558	ug/l	99
69) o-Xylene	10.69	106	159902	51.826	ug/l	100
70) Styrene	10.71	104	281809	52.551	ug/l	100
71) Bromoform	10.85	173	73250	53.471	ug/l #	97
73) Isopropylbenzene	11.02	105	424232	49.927	ug/l	99
74) N-amyl acetate	10.90	43	249294	50.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	155804	49.187	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	136756m	50.455	ug/l	
77) Bromobenzene	11.26	156	106335	50.420	ug/l	99
78) n-propylbenzene	11.36	91	494170	50.924	ug/l	99
79) 2-Chlorotoluene	11.42	91	290128	48.460	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	361851	50.576	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54291	51.250	ug/l	100
82) 4-Chlorotoluene	11.51	91	337825	49.948	ug/l	100
83) tert-Butylbenzene	11.77	119	348706	50.102	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	363915	50.675	ug/l	100
85) sec-Butylbenzene	11.94	105	415930	50.407	ug/l	99
86) p-Isopropyltoluene	12.06	119	378688	51.050	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	188802	50.217	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	188079	49.619	ug/l	99
89) n-Butylbenzene	12.38	91	347227	51.789	ug/l	99
90) Hexachloroethane	12.60	117	63955	50.606	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	190409	49.723	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34539	48.607	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	134155	51.230	ug/l	99
94) Hexachlorobutadiene	13.78	225	69102	51.675	ug/l	100
95) Naphthalene	13.83	128	426013	50.004	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	133540	50.308	ug/l	100

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

