

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013955.D
 Acq On : 11 Dec 2019 19:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:26:41 AM

Quant Time: Dec 12 05:48:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	511936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	789052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	714144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	353787	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	281102	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
35) Dibromofluoromethane	5.49	113	238688	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	880744	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
62) 4-Bromofluorobenzene	11.14	95	324174	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	241781	42.432	ug/l	96
3) Chloromethane	1.32	50	293557	45.914	ug/l	99
4) Vinyl Chloride	1.40	62	344828	47.917	ug/l	99
5) Bromomethane	1.63	94	226290	46.824	ug/l	100
6) Chloroethane	1.71	64	192620	47.038	ug/l	100
7) Trichlorofluoromethane	1.92	101	370480	46.363	ug/l	97
8) Diethyl Ether	2.18	74	176698	48.878	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	225869	46.276	ug/l	100
10) Methyl Iodide	2.50	142	292242	49.497	ug/l	99
11) Tert butyl alcohol	3.04	59	309970	211.327	ug/l	100
12) 1,1-Dichloroethene	2.36	96	227042	46.602	ug/l	98
13) Acrolein	2.28	56	240583	245.371	ug/l	97
14) Allyl chloride	2.72	41	420960	47.613	ug/l	100
15) Acrylonitrile	3.13	53	751323	248.150	ug/l	99
16) Acetone	2.44	43	676211	230.486	ug/l	99
17) Carbon Disulfide	2.56	76	545794	39.298	ug/l	100
18) Methyl Acetate	2.76	43	431065	52.764	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	810345	50.208	ug/l	98
20) Methylene Chloride	2.84	84	272657	48.374	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	243861	45.947	ug/l	98
22) Diisopropyl ether	3.84	45	884824	51.974	ug/l	97
23) Vinyl Acetate	3.80	43	3589977	253.485	ug/l	99
24) 1,1-Dichloroethane	3.69	63	471070	50.617	ug/l	99
25) 2-Butanone	4.66	43	1068044	244.950	ug/l	99
26) 2,2-Dichloropropane	4.58	77	348923	45.315	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	293181	48.101	ug/l	100
28) Bromochloromethane	5.00	49	198392	53.944	ug/l	97
29) Tetrahydrofuran	5.11	42	673891	250.707	ug/l	99
30) Chloroform	5.20	83	460201	48.758	ug/l	98
31) Cyclohexane	5.57	56	390549	44.492	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	383642	48.640	ug/l	100
36) 1,1-Dichloropropene	5.79	75	333068	46.501	ug/l	99
37) Ethyl Acetate	4.82	43	401490	49.965	ug/l	99
38) Carbon Tetrachloride	5.78	117	315414	47.757	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	388093	43.834	ug/l	98
40) Benzene	6.14	78	1060702	48.623	ug/l	100
41) Methacrylonitrile	5.03	41	225150	51.092	ug/l	99
42) 1,2-Dichloroethane	6.18	62	372130	50.019	ug/l	99
43) Isopropyl Acetate	6.43	43	649378	49.088	ug/l	99
44) Trichloroethene	7.20	130	283647	47.377	ug/l	97
45) 1,2-Dichloropropane	7.51	63	282345	51.730	ug/l	96
46) Dibromomethane	7.65	93	182850	49.326	ug/l	97
47) Bromodichloromethane	7.89	83	355832	50.776	ug/l	97
48) Methyl methacrylate	7.76	41	329570	51.275	ug/l	99
49) 1,4-Dioxane	7.73	88	121758	846.289	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2140076	257.184	ug/l	99
52) Toluene	8.78	92	663354	48.948	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	386295	48.428	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	434768	49.889	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	285366	52.252	ug/l	99
56) Ethyl methacrylate	9.17	69	450125	51.265	ug/l	100
57) 1,3-Dichloropropane	9.37	76	470763	50.009	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	838765	243.644	ug/l	99
59) 2-Hexanone	9.49	43	1606022	247.464	ug/l	99
60) Dibromochloromethane	9.57	129	291217	51.382	ug/l	99
61) 1,2-Dibromoethane	9.67	107	284889	48.842	ug/l	99
64) Tetrachloroethene	9.33	164	252134	47.343	ug/l	95
65) Chlorobenzene	10.14	112	724194	48.843	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	273256	51.323	ug/l	100
67) Ethyl Benzene	10.24	91	1264320	49.623	ug/l	99
68) m/p-Xylenes	10.35	106	958661	98.277	ug/l	99
69) o-Xylene	10.70	106	474803	49.907	ug/l	100
70) Styrene	10.71	104	812013	50.739	ug/l	100
71) Bromoform	10.85	173	221557	50.292	ug/l #	100
73) Isopropylbenzene	11.01	105	1245187	50.175	ug/l	100
74) N-amyl acetate	10.89	43	586317	51.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	452755	52.607	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	407930m	51.265	ug/l	
77) Bromobenzene	11.25	156	326905	48.760	ug/l	97
78) n-propylbenzene	11.35	91	1395834	50.385	ug/l	100
79) 2-Chlorotoluene	11.42	91	835948	50.303	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1038965	51.081	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	137302	47.206	ug/l	98
82) 4-Chlorotoluene	11.51	91	955485	49.642	ug/l	99
83) tert-Butylbenzene	11.76	119	1047184	50.660	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1042490	50.502	ug/l	99
85) sec-Butylbenzene	11.94	105	1198087	50.743	ug/l	100
86) p-Isopropyltoluene	12.06	119	1107093	50.402	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	557256	47.683	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	563995	47.380	ug/l	99
89) n-Butylbenzene	12.38	91	925241	49.388	ug/l	100
90) Hexachloroethane	12.59	117	195739	49.302	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	579331	50.172	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	92951	49.596	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	366063	45.488	ug/l	98
94) Hexachlorobutadiene	13.77	225	179429	46.414	ug/l	100
95) Naphthalene	13.83	128	1152386	48.085	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	374841	47.044	ug/l	99

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

