

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013915.D
 Acq On : 10 Dec 2019 22:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:14:13 PM

Quant Time: Dec 11 06:10:23 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	524467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	827675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	750516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	368286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	289224	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	5.49	113	244217	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	8.71	98	911749	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
62) 4-Bromofluorobenzene	11.14	95	333799	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	264207	45.259	ug/l	99
3) Chloromethane	1.32	50	303352	46.312	ug/l	100
4) Vinyl Chloride	1.40	62	366974	49.776	ug/l	96
5) Bromomethane	1.63	94	237655	48.000	ug/l	99
6) Chloroethane	1.71	64	206287	49.171	ug/l	98
7) Trichlorofluoromethane	1.92	101	388585	47.467	ug/l	98
8) Diethyl Ether	2.18	74	187314	50.576	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	242871	48.571	ug/l	99
10) Methyl Iodide	2.50	142	308771	51.047	ug/l	99
11) Tert butyl alcohol	3.04	59	333262	221.778	ug/l	99
12) 1,1-Dichloroethene	2.36	96	241038	48.293	ug/l	100
13) Acrolein	2.28	56	262326	260.768	ug/l	99
14) Allyl chloride	2.72	41	444194	49.040	ug/l	99
15) Acrylonitrile	3.13	53	800853	258.189	ug/l	99
16) Acetone	2.44	43	767487	255.347	ug/l	100
17) Carbon Disulfide	2.56	76	591732	41.588	ug/l	99
18) Methyl Acetate	2.76	43	465212	55.583	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	847878	51.279	ug/l	97
20) Methylene Chloride	2.84	84	289415	50.120	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	259366	47.701	ug/l	99
22) Diisopropyl ether	3.84	45	922953	52.918	ug/l	98
23) Vinyl Acetate	3.80	43	3712660	255.884	ug/l	99
24) 1,1-Dichloroethane	3.69	63	494809	51.897	ug/l	99
25) 2-Butanone	4.66	43	1153651	258.262	ug/l	99
26) 2,2-Dichloropropane	4.57	77	339864	43.083	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	308189	49.356	ug/l	98
28) Bromochloromethane	5.01	49	215370	57.163	ug/l	99
29) Tetrahydrofuran	5.11	42	720293	261.567	ug/l	99
30) Chloroform	5.20	83	485218	50.181	ug/l	97
31) Cyclohexane	5.57	56	417289	46.402	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	406338	50.287	ug/l	100
36) 1,1-Dichloropropene	5.79	75	353250	47.017	ug/l	99
37) Ethyl Acetate	4.82	43	427790	50.754	ug/l	99
38) Carbon Tetrachloride	5.78	117	337448	48.709	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	415444	44.734	ug/l	99
40) Benzene	6.14	78	1113854	48.677	ug/l	98
41) Methacrylonitrile	5.03	41	241985	52.350	ug/l	99
42) 1,2-Dichloroethane	6.18	62	387596	49.667	ug/l	100
43) Isopropyl Acetate	6.43	43	694222	50.029	ug/l	99
44) Trichloroethene	7.21	130	296186	47.163	ug/l	99
45) 1,2-Dichloropropane	7.51	63	295505	51.615	ug/l	99
46) Dibromomethane	7.65	93	188251	48.413	ug/l	98
47) Bromodichloromethane	7.89	83	372230	50.637	ug/l	98
48) Methyl methacrylate	7.76	41	348745	51.726	ug/l	100
49) 1,4-Dioxane	7.73	88	129979	861.271	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	2243690	257.053	ug/l	100
52) Toluene	8.78	92	693647	48.795	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	406315	48.561	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	452370	49.487	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	295773	51.630	ug/l	98
56) Ethyl methacrylate	9.17	69	469720	51.000	ug/l	100
57) 1,3-Dichloropropane	9.37	76	493416	49.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	880310	243.779	ug/l	99
59) 2-Hexanone	9.49	43	1726482	253.612	ug/l	99
60) Dibromochloromethane	9.58	129	306707	51.589	ug/l	99
61) 1,2-Dibromoethane	9.67	107	303699	49.637	ug/l	98
64) Tetrachloroethene	9.33	164	293428	52.427	ug/l	99
65) Chlorobenzene	10.14	112	752129	48.268	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	280170	50.071	ug/l	99
67) Ethyl Benzene	10.25	91	1322810	49.402	ug/l	100
68) m/p-Xylenes	10.35	106	1006335	98.165	ug/l	99
69) o-Xylene	10.70	106	490458	49.054	ug/l	98
70) Styrene	10.71	104	843007	50.123	ug/l	100
71) Bromoform	10.85	173	236587	51.101	ug/l #	100
73) Isopropylbenzene	11.01	105	1294458	50.107	ug/l	100
74) N-amyl acetate	10.89	43	608651	51.432	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	463216	51.704	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	429435m	51.843	ug/l	
77) Bromobenzene	11.25	156	343101	49.161	ug/l	99
78) n-propylbenzene	11.35	91	1456098	50.491	ug/l	100
79) 2-Chlorotoluene	11.42	91	873543	50.496	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1081966	51.101	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	140202	46.306	ug/l	98
82) 4-Chlorotoluene	11.51	91	994486	49.634	ug/l	99
83) tert-Butylbenzene	11.76	119	1074805	49.949	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1088335	50.647	ug/l	100
85) sec-Butylbenzene	11.94	105	1250560	50.880	ug/l	100
86) p-Isopropyltoluene	12.06	119	1144254	50.043	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	589843	48.484	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	591556	47.739	ug/l	99
89) n-Butylbenzene	12.39	91	969111	49.693	ug/l	100
90) Hexachloroethane	12.59	117	205808	49.797	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	599629	49.885	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	99217	50.855	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	400993	47.867	ug/l	98
94) Hexachlorobutadiene	13.78	225	184051	45.736	ug/l	99
95) Naphthalene	13.83	128	1269176	50.874	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	406221	48.975	ug/l	99

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

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