

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013716.D
 Acq On : 03 Dec 2019 11:30
 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

apatel
 12/4/2019 1:51:53 PM

Quant Time: Dec 03 14:43:51 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	643137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	982423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	891727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	451513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	371981	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
35) Dibromofluoromethane	5.48	113	301437	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.71	98	1147841	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.13	95	425583	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	345551	48.271	ug/l	98
3) Chloromethane	1.32	50	373367	46.483	ug/l	99
4) Vinyl Chloride	1.40	62	439509	48.615	ug/l	100
5) Bromomethane	1.63	94	257853	42.470	ug/l	99
6) Chloroethane	1.71	64	241434	46.930	ug/l	97
7) Trichlorofluoromethane	1.92	101	463163	46.138	ug/l	98
8) Diethyl Ether	2.18	74	231029	50.869	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	291927	47.609	ug/l	99
10) Methyl Iodide	2.50	142	337185	45.459	ug/l	99
11) Tert butyl alcohol	3.03	59	386550	209.774	ug/l	99
12) 1,1-Dichloroethene	2.36	96	285012	46.567	ug/l	99
13) Acrolein	2.28	56	286625	233.004	ug/l	100
14) Allyl chloride	2.72	41	554565	49.928	ug/l	100
15) Acrylonitrile	3.12	53	936013	246.083	ug/l	99
16) Acetone	2.43	43	1068013	289.768	ug/l	99
17) Carbon Disulfide	2.56	76	789942	45.275	ug/l	100
18) Methyl Acetate	2.76	43	541999	52.809	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	1048107	51.692	ug/l	98
20) Methylene Chloride	2.84	84	343894	48.566	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	317850	47.670	ug/l	99
22) Diisopropyl ether	3.84	45	1116068	52.183	ug/l	93
23) Vinyl Acetate	3.80	43	4651556	261.439	ug/l	100
24) 1,1-Dichloroethane	3.69	63	584399	49.984	ug/l	99
25) 2-Butanone	4.65	43	1437375	262.404	ug/l	100
26) 2,2-Dichloropropane	4.57	77	471298	48.721	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	371049	48.458	ug/l	99
28) Bromochloromethane	5.00	49	259059	56.071	ug/l	97
29) Tetrahydrofuran	5.11	42	842111	249.378	ug/l	99
30) Chloroform	5.20	83	571777	48.222	ug/l	98
31) Cyclohexane	5.56	56	522142	47.348	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	472029	47.638	ug/l	100
36) 1,1-Dichloropropene	5.79	75	426143	47.785	ug/l	100
37) Ethyl Acetate	4.81	43	504118	50.389	ug/l	100
38) Carbon Tetrachloride	5.77	117	406508	49.435	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	532910	48.344	ug/l	99
40) Benzene	6.13	78	1324998	48.783	ug/l	100
41) Methacrylonitrile	5.02	41	286401	52.199	ug/l	99
42) 1,2-Dichloroethane	6.18	62	469877	50.726	ug/l	99
43) Isopropyl Acetate	6.43	43	843552	51.215	ug/l	99
44) Trichloroethene	7.20	130	351080	47.098	ug/l	100
45) 1,2-Dichloropropane	7.50	63	350820	51.624	ug/l	99
46) Dibromomethane	7.65	93	229082	49.634	ug/l	99
47) Bromodichloromethane	7.89	83	462925	53.056	ug/l	97
48) Methyl methacrylate	7.76	41	418608	52.308	ug/l	99
49) 1,4-Dioxane	7.73	88	154574	862.908	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2607247	251.654	ug/l	99
52) Toluene	8.78	92	831151	49.258	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	531403	53.507	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	575283	53.020	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	348423	51.241	ug/l	98
56) Ethyl methacrylate	9.17	69	571898	52.313	ug/l	100
57) 1,3-Dichloropropane	9.36	76	591279	50.448	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1108783	258.684	ug/l	99
59) 2-Hexanone	9.48	43	2060600	255.013	ug/l	99
60) Dibromochloromethane	9.57	129	375255	53.177	ug/l	99
61) 1,2-Dibromoethane	9.67	107	368414	50.729	ug/l	98
64) Tetrachloroethene	9.33	164	319519	48.048	ug/l	98
65) Chlorobenzene	10.14	112	894926	48.338	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	338129	50.860	ug/l	100
67) Ethyl Benzene	10.25	91	1588355	49.926	ug/l	99
68) m/p-Xylenes	10.35	106	1200016	98.521	ug/l	99
69) o-Xylene	10.70	106	589305	49.607	ug/l	99
70) Styrene	10.71	104	1023758	51.231	ug/l	100
71) Bromoform	10.85	173	294849	53.600	ug/l #	100
73) Isopropylbenzene	11.01	105	1543804	48.744	ug/l	100
74) N-amyl acetate	10.89	43	754269	51.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	547444	49.842	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	520044m	51.209	ug/l	
77) Bromobenzene	11.25	156	407604	47.638	ug/l	98
78) n-propylbenzene	11.35	91	1762037	49.837	ug/l	100
79) 2-Chlorotoluene	11.42	91	1042284	49.144	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1302802	50.189	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	196370	52.902	ug/l	96
82) 4-Chlorotoluene	11.51	91	1209197	49.225	ug/l	99
83) tert-Butylbenzene	11.76	119	1300893	49.312	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1307834	49.643	ug/l	100
85) sec-Butylbenzene	11.94	105	1500503	49.796	ug/l	100
86) p-Isopropyltoluene	12.06	119	1386444	49.458	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	730980	49.010	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	724072	47.662	ug/l	99
89) n-Butylbenzene	12.39	91	1220972	51.068	ug/l	100
90) Hexachloroethane	12.59	117	252423	49.818	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	731815	49.660	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	115864	48.441	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	503896	49.063	ug/l	99
94) Hexachlorobutadiene	13.78	225	236329	47.901	ug/l	100
95) Naphthalene	13.83	128	1586794	51.881	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	512688	50.417	ug/l	99

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

