

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080819\
 Data File : VX011396.D
 Acq On : 08 Aug 2019 18:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/9/2019 11:06:28 AM

Quant Time: Aug 09 05:04:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	255061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	129262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	88301	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	5.49	113	76845	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
50) Toluene-d8	8.71	98	286694	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
62) 4-Bromofluorobenzene	11.13	95	110741	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	58289	44.491	ug/l 98
3) Chloromethane	1.32	50	63395	43.090	ug/l 100
4) Vinyl Chloride	1.40	62	70217	43.389	ug/l 100
5) Bromomethane	1.63	94	44249	38.338	ug/l 96
6) Chloroethane	1.71	64	47349	47.107	ug/l 97
7) Trichlorofluoromethane	1.92	101	129571	45.029	ug/l 99
8) Diethyl Ether	2.18	74	45095	43.889	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71532	45.944	ug/l 97
10) Methyl Iodide	2.50	142	92657	47.204	ug/l 98
11) Tert butyl alcohol	3.04	59	88701	260.393	ug/l 99
12) 1,1-Dichloroethene	2.36	96	69680	45.148	ug/l 91
13) Acrolein	2.29	56	45361	214.215	ug/l 99
14) Allyl chloride	2.72	41	108196	52.586	ug/l 97
15) Acrylonitrile	3.14	53	214189	263.493	ug/l 99
16) Acetone	2.43	43	190892	234.770	ug/l 98
17) Carbon Disulfide	2.56	76	160732	44.380	ug/l 100
18) Methyl Acetate	2.76	43	98177	52.836	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	237387	52.194	ug/l 99
20) Methylene Chloride	2.85	84	81507	45.772	ug/l 97
21) trans-1,2-Dichloroethene	3.15	96	76743	47.007	ug/l 92
22) Diisopropyl ether	3.85	45	230955	51.073	ug/l 99
23) Vinyl Acetate	3.81	43	1023111	272.784	ug/l 99
24) 1,1-Dichloroethane	3.69	63	132714	49.771	ug/l 98
25) 2-Butanone	4.67	43	300421	259.737	ug/l 96
26) 2,2-Dichloropropane	4.57	77	106457	51.359	ug/l 97
27) cis-1,2-Dichloroethene	4.59	96	89096	47.379	ug/l 96
28) Bromochloromethane	5.01	49	61554	50.636	ug/l 95
29) Tetrahydrofuran	5.12	42	187684	264.645	ug/l 99
30) Chloroform	5.20	83	149201	51.483	ug/l 99
31) Cyclohexane	5.57	56	102938	46.792	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	127684	51.431	ug/l 98
36) 1,1-Dichloropropene	5.79	75	102413	45.989	ug/l 99
37) Ethyl Acetate	4.82	43	113345	50.742	ug/l 98
38) Carbon Tetrachloride	5.77	117	112989	50.432	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116657	44.194	ug/l	98
40) Benzene	6.13	78	316301	47.598	ug/l	98
41) Methacrylonitrile	5.04	41	61377	50.312	ug/l	98
42) 1,2-Dichloroethane	6.19	62	116341	51.774	ug/l	98
43) Isopropyl Acetate	6.44	43	180417	50.519	ug/l	100
44) Trichloroethene	7.21	130	92177	45.826	ug/l	96
45) 1,2-Dichloropropane	7.51	63	82239	47.785	ug/l	100
46) Dibromomethane	7.66	93	60212	47.925	ug/l	97
47) Bromodichloromethane	7.89	83	111198	52.276	ug/l	99
48) Methyl methacrylate	7.76	41	89096	53.011	ug/l	98
49) 1,4-Dioxane	7.73	88	44014	903.319	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	618692	268.440	ug/l	99
52) Toluene	8.78	92	210033	47.804	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	119087	48.182	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129437	52.092	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91700	50.762	ug/l	99
56) Ethyl methacrylate	9.18	69	134878	52.393	ug/l	97
57) 1,3-Dichloropropane	9.37	76	140974	49.344	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	319912	252.739	ug/l	100
59) 2-Hexanone	9.49	43	476154	266.724	ug/l	98
60) Dibromochloromethane	9.58	129	96969	52.430	ug/l	99
61) 1,2-Dibromoethane	9.67	107	96853	49.624	ug/l	99
64) Tetrachloroethene	9.34	164	91541	45.093	ug/l	96
65) Chlorobenzene	10.13	112	243358	47.480	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	90190	51.399	ug/l	99
67) Ethyl Benzene	10.25	91	420789	49.021	ug/l	99
68) m/p-Xylenes	10.35	106	324539	97.747	ug/l	98
69) o-Xylene	10.69	106	157200	48.188	ug/l	98
70) Styrene	10.71	104	270383	50.091	ug/l	98
71) Bromoform	10.85	173	73755	47.179	ug/l #	99
73) Isopropylbenzene	11.02	105	427209	48.324	ug/l	99
74) N-amyl acetate	10.90	43	169226	52.976	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	141577	48.055	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	121378m	51.562	ug/l	
77) Bromobenzene	11.26	156	114287	46.620	ug/l	95
78) n-propylbenzene	11.36	91	486358	49.470	ug/l	98
79) 2-Chlorotoluene	11.42	91	283951	48.458	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	364889	49.306	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	42391	48.260	ug/l	99
82) 4-Chlorotoluene	11.51	91	335810	49.173	ug/l	98
83) tert-Butylbenzene	11.77	119	357935	49.314	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	366825	49.785	ug/l	99
85) sec-Butylbenzene	11.94	105	421109	48.290	ug/l	100
86) p-Isopropyltoluene	12.06	119	395891	49.347	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207591	47.926	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207936	46.555	ug/l	99
89) n-Butylbenzene	12.38	91	335994	48.612	ug/l	99
90) Hexachloroethane	12.59	117	61191	51.591	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	205013	47.106	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30839	54.029	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139028	48.168	ug/l	99
94) Hexachlorobutadiene	13.78	225	68770	46.962	ug/l	99
95) Naphthalene	13.83	128	439054	52.017	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141677	48.283	ug/l	99

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

