

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011420.D
 Acq On : 11 Aug 2019 10:33
 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

MMDadoda
 8/12/2019 10:30:20 AM

Quant Time: Aug 12 07:57:02 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	189927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	138917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104615	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
35) Dibromofluoromethane	5.49	113	92374	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	8.71	98	343681	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.13	95	130580	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	66711	45.478	ug/l	99
3) Chloromethane	1.32	50	68969	41.869	ug/l	100
4) Vinyl Chloride	1.40	62	75533	41.686	ug/l	99
5) Bromomethane	1.63	94	49366	38.201	ug/l	100
6) Chloroethane	1.71	64	50550	44.789	ug/l	99
7) Trichlorofluoromethane	1.92	101	142241	44.150	ug/l	99
8) Diethyl Ether	2.18	74	48594	42.240	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82716	47.450	ug/l	98
10) Methyl Iodide	2.50	142	99926	45.467	ug/l	97
11) Tert butyl alcohol	3.04	59	99254	260.235	ug/l	99
12) 1,1-Dichloroethene	2.37	96	77115	44.626	ug/l	91
13) Acrolein	2.29	56	24599	103.535	ug/l	96
14) Allyl chloride	2.72	41	119594	51.914	ug/l	97
15) Acrylonitrile	3.14	53	216323	237.679	ug/l	97
16) Acetone	2.43	43	259108	284.612	ug/l	96
17) Carbon Disulfide	2.56	76	181732	44.816	ug/l	98
18) Methyl Acetate	2.76	43	102984	49.500	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	262593	51.566	ug/l	97
20) Methylene Chloride	2.85	84	88591	44.433	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	83095	45.458	ug/l	89
22) Diisopropyl ether	3.85	45	252574	49.885	ug/l	96
23) Vinyl Acetate	3.81	43	1115199	265.562	ug/l	99
24) 1,1-Dichloroethane	3.69	63	145709	48.805	ug/l	98
25) 2-Butanone	4.66	43	336875	260.128	ug/l	97
26) 2,2-Dichloropropane	4.57	77	130842	56.378	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	99514	47.264	ug/l	95
28) Bromochloromethane	5.01	49	66712	49.015	ug/l	97
29) Tetrahydrofuran	5.12	42	190027	239.314	ug/l	98
30) Chloroform	5.20	83	162858	50.190	ug/l	96
31) Cyclohexane	5.57	56	117725	47.795	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	147714	53.141	ug/l	99
36) 1,1-Dichloropropene	5.79	75	114938	48.231	ug/l	99
37) Ethyl Acetate	4.82	43	116324	48.663	ug/l	98
38) Carbon Tetrachloride	5.78	117	130606	54.475	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133374	47.216	ug/l	100
40) Benzene	6.13	78	343581	48.315	ug/l	99
41) Methacrylonitrile	5.03	41	63069	48.311	ug/l	97
42) 1,2-Dichloroethane	6.18	62	128512	53.442	ug/l	97
43) Isopropyl Acetate	6.43	43	195041	51.035	ug/l	100
44) Trichloroethene	7.21	130	101649	47.224	ug/l	98
45) 1,2-Dichloropropane	7.51	63	88288	47.938	ug/l	98
46) Dibromomethane	7.65	93	65343	48.601	ug/l	97
47) Bromodichloromethane	7.89	83	124696	54.780	ug/l	100
48) Methyl methacrylate	7.76	41	94987	52.813	ug/l	97
49) 1,4-Dioxane	7.73	88	44956	862.192	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	634068	257.084	ug/l	99
52) Toluene	8.78	92	230059	48.930	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	136480	51.399	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	147113	55.326	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96380	49.856	ug/l	98
56) Ethyl methacrylate	9.17	69	145246	52.723	ug/l	97
57) 1,3-Dichloropropane	9.37	76	151698	49.619	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	330738	244.170	ug/l	100
59) 2-Hexanone	9.49	43	506874	265.327	ug/l	98
60) Dibromochloromethane	9.58	129	109766	55.460	ug/l	99
61) 1,2-Dibromoethane	9.66	107	104260	49.919	ug/l	99
64) Tetrachloroethene	9.34	164	103601	47.688	ug/l	95
65) Chlorobenzene	10.13	112	265145	48.340	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	99933	53.218	ug/l	99
67) Ethyl Benzene	10.25	91	460994	50.184	ug/l	99
68) m/p-Xylenes	10.35	106	355114	99.944	ug/l	96
69) o-Xylene	10.69	106	170738	48.907	ug/l	97
70) Styrene	10.71	104	298955	51.754	ug/l	98
71) Bromoform	10.85	173	84145	50.109	ug/l	100
73) Isopropylbenzene	11.02	105	478008	50.312	ug/l	99
74) N-amyl acetate	10.90	43	178491	51.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	150329	47.480	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	132350m	52.315	ug/l	
77) Bromobenzene	11.25	156	124935	47.422	ug/l	95
78) n-propylbenzene	11.35	91	536601	50.787	ug/l	99
79) 2-Chlorotoluene	11.41	91	317668	50.444	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	406370	51.095	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	48004	50.608	ug/l	99
82) 4-Chlorotoluene	11.51	91	373658	50.913	ug/l	98
83) tert-Butylbenzene	11.77	119	397409	50.947	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	406793	51.372	ug/l	99
85) sec-Butylbenzene	11.94	105	473154	50.487	ug/l	100
86) p-Isopropyltoluene	12.06	119	443757	51.469	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	231198	49.666	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	232264	48.387	ug/l	98
89) n-Butylbenzene	12.38	91	390378	52.555	ug/l	99
90) Hexachloroethane	12.59	117	73458	57.629	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	225887	48.295	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32484	52.955	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159124	51.299	ug/l	98
94) Hexachlorobutadiene	13.78	225	79687	50.635	ug/l	98
95) Naphthalene	13.83	128	471471	51.975	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	159934	50.717	ug/l	98

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

