

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011472.D
 Acq On : 12 Aug 2019 10:18
 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
 8/14/2019 9:13:45 AM

Quant Time: Aug 13 07:53:11 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	168661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	241288	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125328	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	91779	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
35) Dibromofluoromethane	5.48	113	81502	51.74	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	8.71	98	304530	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.13	95	117144	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	64297	49.359	ug/l	99
3) Chloromethane	1.32	50	68189	46.615	ug/l	100
4) Vinyl Chloride	1.40	62	72405	44.998	ug/l	100
5) Bromomethane	1.63	94	54648	47.620	ug/l	99
6) Chloroethane	1.71	64	48258	48.357	ug/l	98
7) Trichlorofluoromethane	1.92	101	136990	47.881	ug/l	98
8) Diethyl Ether	2.18	74	47371	46.369	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83047	53.646	ug/l	96
10) Methyl Iodide	2.49	142	100401	51.443	ug/l	97
11) Tert butyl alcohol	3.04	59	84603	249.791	ug/l	100
12) 1,1-Dichloroethene	2.36	96	75334	49.092	ug/l	89
13) Acrolein	2.29	56	52614	249.965	ug/l	98
14) Allyl chloride	2.71	41	114255	55.850	ug/l	97
15) Acrylonitrile	3.13	53	211360	261.506	ug/l	98
16) Acetone	2.43	43	239462	296.197	ug/l	95
17) Carbon Disulfide	2.56	76	170948	47.472	ug/l	100
18) Methyl Acetate	2.76	43	100030	54.142	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	253586	56.076	ug/l	100
20) Methylene Chloride	2.85	84	85997	48.571	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	80662	49.691	ug/l	90
22) Diisopropyl ether	3.84	45	244394	54.355	ug/l	98
23) Vinyl Acetate	3.80	43	1066950	286.107	ug/l	98
24) 1,1-Dichloroethane	3.68	63	142103	53.599	ug/l	98
25) 2-Butanone	4.66	43	317880	276.410	ug/l	97
26) 2,2-Dichloropropane	4.57	77	124127	60.228	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	97019	51.889	ug/l	97
28) Bromochloromethane	5.00	49	65188	53.934	ug/l	98
29) Tetrahydrofuran	5.12	42	182772	259.200	ug/l	100
30) Chloroform	5.20	83	158474	54.996	ug/l	96
31) Cyclohexane	5.57	56	113668	51.967	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	139127	56.362	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110272	52.344	ug/l	98
37) Ethyl Acetate	4.82	43	113606	53.762	ug/l	99
38) Carbon Tetrachloride	5.77	117	123912	58.464	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	128679	51.531	ug/l	95
40) Benzene	6.13	78	334223	53.165	ug/l	98
41) Methacrylonitrile	5.03	41	64058	55.507	ug/l	97
42) 1,2-Dichloroethane	6.18	62	124493	58.564	ug/l	97
43) Isopropyl Acetate	6.43	43	186225	55.122	ug/l	99
44) Trichloroethene	7.21	130	99487	52.284	ug/l	98
45) 1,2-Dichloropropane	7.51	63	86155	52.918	ug/l	98
46) Dibromomethane	7.65	93	63495	53.423	ug/l	97
47) Bromodichloromethane	7.89	83	118899	59.087	ug/l	99
48) Methyl methacrylate	7.76	41	91502	57.551	ug/l	97
49) 1,4-Dioxane	7.73	88	42384	919.519	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	617990	283.441	ug/l	99
52) Toluene	8.78	92	227498	54.734	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	130261	55.268	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	140450	59.751	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	94693	55.411	ug/l	98
56) Ethyl methacrylate	9.17	69	142746	58.615	ug/l	98
57) 1,3-Dichloropropane	9.37	76	147899	54.723	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	353877	295.531	ug/l	99
59) 2-Hexanone	9.49	43	484273	286.757	ug/l	98
60) Dibromochloromethane	9.58	129	104126	59.513	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102397	55.460	ug/l	99
64) Tetrachloroethene	9.33	164	99334	51.131	ug/l	96
65) Chlorobenzene	10.13	112	258525	52.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	95593	56.926	ug/l	99
67) Ethyl Benzene	10.25	91	451494	54.962	ug/l	98
68) m/p-Xylenes	10.35	106	351003	110.468	ug/l	98
69) o-Xylene	10.69	106	169479	54.287	ug/l	98
70) Styrene	10.71	104	293334	56.785	ug/l	98
71) Bromoform	10.85	173	78249	51.995	ug/l	99
73) Isopropylbenzene	11.01	105	465647	54.325	ug/l	99
74) N-amyl acetate	10.90	43	170240	54.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	145879	51.070	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	128767m	56.418	ug/l	
77) Bromobenzene	11.25	156	123232	51.847	ug/l	96
78) n-propylbenzene	11.36	91	529798	55.580	ug/l	99
79) 2-Chlorotoluene	11.41	91	305287	53.734	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	393138	54.791	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43047	50.330	ug/l	96
82) 4-Chlorotoluene	11.51	91	364584	55.063	ug/l	98
83) tert-Butylbenzene	11.77	119	386538	54.927	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	395770	55.400	ug/l	100
85) sec-Butylbenzene	11.94	105	466643	55.191	ug/l	99
86) p-Isopropyltoluene	12.06	119	435686	56.012	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	222125	52.891	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	225450	52.060	ug/l	99
89) n-Butylbenzene	12.38	91	382931	57.143	ug/l	99
90) Hexachloroethane	12.59	117	67398	58.608	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	218614	51.808	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31632	57.158	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	156866	56.055	ug/l	99
94) Hexachlorobutadiene	13.78	225	79326	55.871	ug/l	99
95) Naphthalene	13.83	128	459158	56.106	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	154110	54.169	ug/l	98

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

