

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013121.D
 Acq On : 17 Oct 2019 20:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:19 AM

Quant Time: Oct 18 08:29:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	150539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	248067	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111073	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	95687	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
35) Dibromofluoromethane	5.49	113	78005	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
50) Toluene-d8	8.71	98	288400	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	11.14	95	114405	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	67849	44.216	ug/l	100
3) Chloromethane	1.32	50	70553	42.248	ug/l	100
4) Vinyl Chloride	1.40	62	74273	43.090	ug/l	99
5) Bromomethane	1.63	94	33821	47.202	ug/l	96
6) Chloroethane	1.71	64	47850	45.480	ug/l	97
7) Trichlorofluoromethane	1.92	101	117564	50.533	ug/l	96
8) Diethyl Ether	2.18	74	44530	47.420	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	73993	49.143	ug/l	97
10) Methyl Iodide	2.50	142	92799	53.956	ug/l	99
11) Tert butyl alcohol	3.04	59	113693	227.942	ug/l	98
12) 1,1-Dichloroethene	2.36	96	73347	48.214	ug/l	93
13) Acrolein	2.28	56	91029	256.809	ug/l	99
14) Allyl chloride	2.72	41	124136	45.821	ug/l	99
15) Acrylonitrile	3.13	53	228428	241.665	ug/l	99
16) Acetone	2.44	43	198115	199.761	ug/l	100
17) Carbon Disulfide	2.56	76	172745	39.824	ug/l	98
18) Methyl Acetate	2.76	43	111514	47.438	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	273637	52.087	ug/l	98
20) Methylene Chloride	2.84	84	86562	47.492	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	78243	47.986	ug/l	97
22) Diisopropyl ether	3.84	45	254227	48.972	ug/l	95
23) Vinyl Acetate	3.80	43	1099464	245.334	ug/l	100
24) 1,1-Dichloroethane	3.69	63	147454	50.490	ug/l	100
25) 2-Butanone	4.66	43	312385	227.035	ug/l	98
26) 2,2-Dichloropropane	4.57	77	114681	46.697	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	95176	50.640	ug/l	96
28) Bromochloromethane	5.00	49	45123	51.715	ug/l	93
29) Tetrahydrofuran	5.12	42	198117	233.987	ug/l	96
30) Chloroform	5.20	83	152837	51.002	ug/l	99
31) Cyclohexane	5.57	56	124118	45.450	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	134979	53.160	ug/l	98
36) 1,1-Dichloropropene	5.79	75	109171	50.055	ug/l	99
37) Ethyl Acetate	4.82	43	118130	48.438	ug/l	99
38) Carbon Tetrachloride	5.78	117	113260	53.352	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	129657	49.020	ug/l	98
40) Benzene	6.13	78	331367	51.441	ug/l	98
41) Methacrylonitrile	5.03	41	66145	49.359	ug/l	98
42) 1,2-Dichloroethane	6.18	62	121609	52.611	ug/l	99
43) Isopropyl Acetate	6.43	43	196441	50.185	ug/l	98
44) Trichloroethene	7.20	130	90089	50.434	ug/l	92
45) 1,2-Dichloropropane	7.51	63	86355	52.599	ug/l	98
46) Dibromomethane	7.65	93	59523	54.417	ug/l	98
47) Bromodichloromethane	7.89	83	117319	54.959	ug/l	99
48) Methyl methacrylate	7.76	41	95394	50.010	ug/l	97
49) 1,4-Dioxane	7.73	88	47487	930.217	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	617326	252.950	ug/l	98
52) Toluene	8.78	92	213717	51.859	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	127661	48.012	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	141135	53.757	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	88788	54.441	ug/l	98
56) Ethyl methacrylate	9.17	69	143608	49.204	ug/l	97
57) 1,3-Dichloropropane	9.37	76	148267	52.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	316682	264.322	ug/l	98
59) 2-Hexanone	9.48	43	479146	252.211	ug/l	97
60) Dibromochloromethane	9.58	129	93718	51.577	ug/l	98
61) 1,2-Dibromoethane	9.67	107	93945	54.758	ug/l	98
64) Tetrachloroethene	9.33	164	83575	54.125	ug/l	95
65) Chlorobenzene	10.14	112	230831	52.213	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87921	57.358	ug/l	99
67) Ethyl Benzene	10.25	91	419776	53.455	ug/l	99
68) m/p-Xylenes	10.35	106	310893	105.974	ug/l	100
69) o-Xylene	10.70	106	152616	53.346	ug/l	99
70) Styrene	10.71	104	269650	55.444	ug/l	99
71) Bromoform	10.85	173	65431	50.101	ug/l #	97
73) Isopropylbenzene	11.01	105	405390	49.642	ug/l	98
74) N-amyl acetate	10.89	43	171773	48.840	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	138162	50.867	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	114466m	46.463	ug/l	
77) Bromobenzene	11.25	156	97896	50.872	ug/l	99
78) n-propylbenzene	11.35	91	439651	48.926	ug/l	100
79) 2-Chlorotoluene	11.42	91	284265	50.336	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	350838	51.451	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43787	46.056	ug/l	94
82) 4-Chlorotoluene	11.51	91	326658	50.465	ug/l	100
83) tert-Butylbenzene	11.76	119	333406	50.123	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	351653	50.920	ug/l	97
85) sec-Butylbenzene	11.94	105	394561	51.200	ug/l	99
86) p-Isopropyltoluene	12.06	119	364091	50.942	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	181188	50.702	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	178891	49.428	ug/l	98
89) n-Butylbenzene	12.39	91	309150	51.466	ug/l	99
90) Hexachloroethane	12.59	117	64059	48.460	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	185346	52.905	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32311	50.755	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	110575	50.385	ug/l	98
94) Hexachlorobutadiene	13.78	225	52529	51.864	ug/l	100
95) Naphthalene	13.83	128	379248	49.851	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	114022	50.277	ug/l	98

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

