

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011289.D
 Acq On : 02 Aug 2019 03:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:04:58 AM

Quant Time: Aug 02 04:06:03 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	146248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	217175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	204381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	75287	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	5.49	113	70657	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	8.71	98	268759	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	98473	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	58636	51.912	ug/l	100
3) Chloromethane	1.32	50	66540	52.459	ug/l	100
4) Vinyl Chloride	1.40	62	74149	53.144	ug/l	100
5) Bromomethane	1.63	94	52207	52.465	ug/l	98
6) Chloroethane	1.71	64	53419	62.496	ug/l	98
7) Trichlorofluoromethane	1.92	101	132626	53.460	ug/l	97
8) Diethyl Ether	2.18	74	47008	53.066	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67965	50.632	ug/l	100
10) Methyl Iodide	2.50	142	95506	56.434	ug/l	100
11) Tert butyl alcohol	3.04	59	85725	291.889	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68670	51.607	ug/l	94
13) Acrolein	2.29	56	47174	258.482	ug/l	99
14) Allyl chloride	2.72	41	97321	54.863	ug/l	98
15) Acrylonitrile	3.13	53	197521	281.837	ug/l	98
16) Acetone	2.43	43	163676	233.482	ug/l	99
17) Carbon Disulfide	2.56	76	173311	55.504	ug/l	100
18) Methyl Acetate	2.76	43	88128	55.010	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	218158	55.635	ug/l	97
20) Methylene Chloride	2.85	84	79197	51.585	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	74277	52.770	ug/l	96
22) Diisopropyl ether	3.85	45	213727	54.820	ug/l	98
23) Vinyl Acetate	3.81	43	931457	288.053	ug/l	99
24) 1,1-Dichloroethane	3.69	63	123605	53.766	ug/l	98
25) 2-Butanone	4.67	43	270040	270.797	ug/l	99
26) 2,2-Dichloropropane	4.58	77	66438	37.177	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	86659	53.451	ug/l	95
28) Bromochloromethane	5.01	49	53983	51.508	ug/l	98
29) Tetrahydrofuran	5.12	42	173000	282.941	ug/l	100
30) Chloroform	5.20	83	135580	54.262	ug/l	100
31) Cyclohexane	5.57	56	100502	52.989	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	115940	54.167	ug/l	99
36) 1,1-Dichloropropene	5.79	75	96583	50.937	ug/l	99
37) Ethyl Acetate	4.82	43	103616	54.478	ug/l	99
38) Carbon Tetrachloride	5.77	117	102492	53.727	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111303	49.522	ug/l	99
40) Benzene	6.14	78	300595	53.125	ug/l	96
41) Methacrylonitrile	5.04	41	57636	55.487	ug/l	98
42) 1,2-Dichloroethane	6.19	62	102838	53.748	ug/l	99
43) Isopropyl Acetate	6.44	43	164440	54.078	ug/l	99
44) Trichloroethene	7.21	130	88491	51.668	ug/l	95
45) 1,2-Dichloropropane	7.51	63	75658	51.630	ug/l	98
46) Dibromomethane	7.66	93	56290	52.620	ug/l	98
47) Bromodichloromethane	7.90	83	100752	55.628	ug/l	99
48) Methyl methacrylate	7.77	41	81338	56.838	ug/l	99
49) 1,4-Dioxane	7.73	88	44515	1072.979	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	560661	285.698	ug/l	100
52) Toluene	8.78	92	199657	53.369	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	101457	48.208	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	114232	53.993	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	83530	54.305	ug/l	99
56) Ethyl methacrylate	9.18	69	125034	57.042	ug/l	100
57) 1,3-Dichloropropane	9.37	76	129669	53.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	277710	257.672	ug/l	100
59) 2-Hexanone	9.49	43	439036	288.835	ug/l	99
60) Dibromochloromethane	9.58	129	89355	56.741	ug/l	98
61) 1,2-Dibromoethane	9.67	107	90295	54.335	ug/l	99
64) Tetrachloroethene	9.34	164	89089	51.328	ug/l	98
65) Chlorobenzene	10.13	112	225887	51.546	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	83172	55.438	ug/l	99
67) Ethyl Benzene	10.25	91	390453	53.202	ug/l	99
68) m/p-Xylenes	10.36	106	305622	107.661	ug/l	100
69) o-Xylene	10.69	106	147829	53.001	ug/l	100
70) Styrene	10.71	104	256038	55.479	ug/l	99
71) Bromoform	10.85	173	67967	50.630	ug/l #	99
73) Isopropylbenzene	11.02	105	399333	52.827	ug/l	100
74) N-amyl acetate	10.90	43	155735	57.017	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	133044	52.814	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	110246m	54.772	ug/l	
77) Bromobenzene	11.25	156	111110	53.007	ug/l	99
78) n-propylbenzene	11.36	91	447713	53.259	ug/l	99
79) 2-Chlorotoluene	11.42	91	262253	52.341	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	337461	53.329	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34047	45.605	ug/l	99
82) 4-Chlorotoluene	11.51	91	306416	52.475	ug/l	100
83) tert-Butylbenzene	11.77	119	327131	52.710	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	339512	53.889	ug/l	99
85) sec-Butylbenzene	11.94	105	391126	52.454	ug/l	100
86) p-Isopropyltoluene	12.06	119	369268	53.831	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193005	52.112	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	195049	51.072	ug/l	98
89) n-Butylbenzene	12.38	91	312510	52.879	ug/l	100
90) Hexachloroethane	12.60	117	56050	55.267	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	194336	52.222	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27841	57.044	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	130912	53.045	ug/l	100
94) Hexachlorobutadiene	13.78	225	62219	49.691	ug/l	97
95) Naphthalene	13.83	128	407551	56.469	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131450	52.391	ug/l	100

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

