

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011645.D
 Acq On : 19 Aug 2019 20:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 3:40:45 PM

Quant Time: Aug 20 12:00:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	313893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	430311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	431906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230434	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	152288	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
35) Dibromofluoromethane	5.49	113	138137	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	8.71	98	453064	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.13	95	190622	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	191972	62.220	ug/l	97
3) Chloromethane	1.32	50	159725	49.843	ug/l	100
4) Vinyl Chloride	1.40	62	162222	56.039	ug/l	97
5) Bromomethane	1.63	94	80786	62.282	ug/l	98
6) Chloroethane	1.71	64	82253	60.035	ug/l	99
7) Trichlorofluoromethane	1.92	101	240299	59.931	ug/l	99
8) Diethyl Ether	2.18	74	79643	57.904	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	154989	55.963	ug/l	99
10) Methyl Iodide	2.50	142	215334	54.581	ug/l	99
11) Tert butyl alcohol	3.04	59	203896	285.514	ug/l	99
12) 1,1-Dichloroethene	2.37	96	147951	55.279	ug/l	99
13) Acrolein	2.29	56	65203	294.453	ug/l	98
14) Allyl chloride	2.72	41	256955	57.714	ug/l	99
15) Acrylonitrile	3.13	53	479957	293.651	ug/l	100
16) Acetone	2.43	43	403498	275.674	ug/l	100
17) Carbon Disulfide	2.56	76	347814	55.150	ug/l	100
18) Methyl Acetate	2.76	43	273456	60.241	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	528315	60.609	ug/l	99
20) Methylene Chloride	2.85	84	170308	55.417	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	161519	56.948	ug/l	99
22) Diisopropyl ether	3.85	45	525712	59.291	ug/l	99
23) Vinyl Acetate	3.81	43	2105325	299.853	ug/l	100
24) 1,1-Dichloroethane	3.69	63	290328	57.914	ug/l	99
25) 2-Butanone	4.67	43	665842	289.768	ug/l	98
26) 2,2-Dichloropropane	4.57	77	208363	55.224	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	190346	57.569	ug/l	99
28) Bromochloromethane	5.01	49	127803	58.075	ug/l	100
29) Tetrahydrofuran	5.12	42	430437	285.564	ug/l	99
30) Chloroform	5.20	83	305491	57.743	ug/l	98
31) Cyclohexane	5.57	56	241641	55.985	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	273836	60.196	ug/l	99
36) 1,1-Dichloropropene	5.79	75	213885	58.135	ug/l	99
37) Ethyl Acetate	4.82	43	250454	59.186	ug/l	100
38) Carbon Tetrachloride	5.78	117	243373	60.042	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	253018	55.689	ug/l	97
40) Benzene	6.13	78	649338	56.794	ug/l	99
41) Methacrylonitrile	5.03	41	140549	60.348	ug/l	99
42) 1,2-Dichloroethane	6.18	62	244069	61.615	ug/l	98
43) Isopropyl Acetate	6.44	43	393266	59.549	ug/l	98
44) Trichloroethene	7.21	130	187425	55.261	ug/l	96
45) 1,2-Dichloropropane	7.51	63	166193	58.286	ug/l	98
46) Dibromomethane	7.66	93	119645	57.743	ug/l	94
47) Bromodichloromethane	7.89	83	225667	59.316	ug/l	99
48) Methyl methacrylate	7.76	41	197217	60.304	ug/l	98
49) 1,4-Dioxane	7.74	88	96191	1105.832	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1293305	299.196	ug/l	100
52) Toluene	8.78	92	430874	59.154	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	244946	62.036	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	268476	62.132	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	183418	59.215	ug/l	99
56) Ethyl methacrylate	9.18	69	279310	62.041	ug/l	100
57) 1,3-Dichloropropane	9.37	76	290405	58.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	669881	298.630	ug/l	99
59) 2-Hexanone	9.49	43	993408	298.017	ug/l	99
60) Dibromochloromethane	9.58	129	205373	63.637	ug/l	100
61) 1,2-Dibromoethane	9.67	107	196189	59.347	ug/l	99
64) Tetrachloroethene	9.34	164	195144	55.068	ug/l	98
65) Chlorobenzene	10.13	112	488533	53.031	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	193494	56.196	ug/l	99
67) Ethyl Benzene	10.25	91	840184	54.649	ug/l	99
68) m/p-Xylenes	10.35	106	656633	111.267	ug/l	98
69) o-Xylene	10.69	106	318291	55.061	ug/l	98
70) Styrene	10.71	104	544863	55.991	ug/l	99
71) Bromoform	10.85	173	166814	49.864	ug/l	99
73) Isopropylbenzene	11.02	105	852528	57.016	ug/l	99
74) N-amyl acetate	10.90	43	349884	55.062	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	280467	54.526	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	241477m	55.263	ug/l	
77) Bromobenzene	11.26	156	248855	55.940	ug/l	100
78) n-propylbenzene	11.36	91	929418	57.644	ug/l	100
79) 2-Chlorotoluene	11.42	91	562684	56.834	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	720091	57.329	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	82594	51.097	ug/l	99
82) 4-Chlorotoluene	11.51	91	646219	56.261	ug/l	100
83) tert-Butylbenzene	11.77	119	711947	55.652	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	727790	57.716	ug/l	98
85) sec-Butylbenzene	11.94	105	820917	56.877	ug/l	100
86) p-Isopropyltoluene	12.06	119	766031	56.415	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	412382	53.930	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	416491	53.740	ug/l	99
89) n-Butylbenzene	12.38	91	622034	55.721	ug/l	99
90) Hexachloroethane	12.59	117	123975	57.818	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	394874	51.443	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64712	54.991	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	332581	58.151	ug/l	99
94) Hexachlorobutadiene	13.78	225	171423	55.045	ug/l	98
95) Naphthalene	13.83	128	974958	60.299	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	338893	58.748	ug/l	100

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

