

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011267.D
 Acq On : 01 Aug 2019 18:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:05:03 AM

Quant Time: Aug 02 02:17:24 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	166737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	242976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	72175	42.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.96%	
35) Dibromofluoromethane	5.49	113	70698	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	
50) Toluene-d8	8.71	98	265301	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	
62) 4-Bromofluorobenzene	11.13	95	96590	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	58341	45.304	ug/l	99
3) Chloromethane	1.32	50	64454	44.570	ug/l	98
4) Vinyl Chloride	1.40	62	71818	45.148	ug/l	99
5) Bromomethane	1.63	94	52565	46.333	ug/l	99
6) Chloroethane	1.71	64	48591	49.304	ug/l	98
7) Trichlorofluoromethane	1.92	101	130559	46.160	ug/l	98
8) Diethyl Ether	2.18	74	46105	45.651	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69384	45.337	ug/l	100
10) Methyl Iodide	2.50	142	83516	43.285	ug/l	99
11) Tert butyl alcohol	3.04	59	80482	240.367	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68180	44.943	ug/l	99
13) Acrolein	2.28	56	47703	229.214	ug/l	99
14) Allyl chloride	2.72	41	97349	48.135	ug/l	99
15) Acrylonitrile	3.14	53	193765	242.503	ug/l	100
16) Acetone	2.43	43	164706	206.080	ug/l	100
17) Carbon Disulfide	2.56	76	166461	46.759	ug/l	100
18) Methyl Acetate	2.76	43	84672	46.358	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	211228	47.248	ug/l	97
20) Methylene Chloride	2.85	84	77562	44.312	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	72921	45.441	ug/l	94
22) Diisopropyl ether	3.85	45	208389	46.882	ug/l	98
23) Vinyl Acetate	3.81	43	916411	248.575	ug/l	99
24) 1,1-Dichloroethane	3.69	63	121038	46.180	ug/l	99
25) 2-Butanone	4.67	43	263966	232.178	ug/l	100
26) 2,2-Dichloropropane	4.57	77	94373	46.319	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	86230	46.651	ug/l	97
28) Bromochloromethane	5.01	49	56770	47.511	ug/l	100
29) Tetrahydrofuran	5.12	42	168361	241.518	ug/l	100
30) Chloroform	5.20	83	131893	46.300	ug/l	98
31) Cyclohexane	5.57	56	98915	45.744	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	113916	46.681	ug/l	99
36) 1,1-Dichloropropene	5.79	75	94763	44.670	ug/l	99
37) Ethyl Acetate	4.82	43	100786	47.363	ug/l	100
38) Carbon Tetrachloride	5.78	117	101905	47.747	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	112165	44.606	ug/l	96
40) Benzene	6.13	78	296531	46.842	ug/l	97
41) Methacrylonitrile	5.04	41	52949	45.562	ug/l	96
42) 1,2-Dichloroethane	6.19	62	99353	46.413	ug/l	99
43) Isopropyl Acetate	6.44	43	158841	46.690	ug/l	99
44) Trichloroethene	7.21	130	86708	45.251	ug/l	98
45) 1,2-Dichloropropane	7.51	63	74696	45.561	ug/l	100
46) Dibromomethane	7.66	93	54104	45.206	ug/l	99
47) Bromodichloromethane	7.90	83	98095	48.410	ug/l	99
48) Methyl methacrylate	7.76	41	76968	48.073	ug/l	99
49) 1,4-Dioxane	7.73	88	42877	923.752	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	536058	244.155	ug/l	99
52) Toluene	8.78	92	194965	46.581	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	104142	44.464	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	117585	49.676	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	81527	47.375	ug/l	99
56) Ethyl methacrylate	9.18	69	120064	48.958	ug/l	99
57) 1,3-Dichloropropane	9.37	76	124452	45.728	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	290064	240.556	ug/l	98
59) 2-Hexanone	9.49	43	421235	247.697	ug/l	100
60) Dibromochloromethane	9.58	129	87254	49.524	ug/l	98
61) 1,2-Dibromoethane	9.67	107	88290	47.487	ug/l	99
64) Tetrachloroethene	9.34	164	85985	44.647	ug/l	98
65) Chlorobenzene	10.13	112	223668	45.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	80398	48.296	ug/l	99
67) Ethyl Benzene	10.25	91	382443	46.964	ug/l	99
68) m/p-Xylenes	10.35	106	300343	95.352	ug/l	99
69) o-Xylene	10.69	106	145773	47.102	ug/l	99
70) Styrene	10.71	104	251545	49.122	ug/l	99
71) Bromoform	10.85	173	64281	43.573	ug/l #	98
73) Isopropylbenzene	11.02	105	390185	47.190	ug/l	99
74) N-amyl acetate	10.90	43	150440	50.355	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	129176	46.881	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	106808m	48.513	ug/l	
77) Bromobenzene	11.26	156	107177	46.746	ug/l	99
78) n-propylbenzene	11.36	91	438333	47.671	ug/l	100
79) 2-Chlorotoluene	11.42	91	255333	46.590	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	329679	47.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37262	45.629	ug/l	98
82) 4-Chlorotoluene	11.51	91	299769	46.934	ug/l	99
83) tert-Butylbenzene	11.77	119	324589	47.815	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	335845	48.735	ug/l	100
85) sec-Butylbenzene	11.94	105	384326	47.122	ug/l	100
86) p-Isopropyltoluene	12.06	119	361042	48.118	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	192934	47.625	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	189699	45.411	ug/l	98
89) n-Butylbenzene	12.38	91	308760	47.764	ug/l	99
90) Hexachloroethane	12.59	117	54441	49.077	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	188627	46.340	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26710	50.034	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	127888	47.375	ug/l	99
94) Hexachlorobutadiene	13.78	225	64558	47.137	ug/l	97
95) Naphthalene	13.83	128	398348	50.461	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128144	46.694	ug/l	100

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

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