

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010448.D
 Acq On : 26 Jun 2019 09:21
 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
 6/27/2019 10:11:30 AM

Quant Time: Jun 27 01:21:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	298863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	429569	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	389651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200553	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	132639	47.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.66%	
35) Dibromofluoromethane	5.49	113	132378	50.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.74%	
50) Toluene-d8	8.71	98	499681	49.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	180915	49.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	90365	43.491	ug/l	97
3) Chloromethane	1.32	50	100588	41.575	ug/l	98
4) Vinyl Chloride	1.41	62	112712	42.532	ug/l	100
5) Bromomethane	1.64	94	55914	43.309	ug/l	97
6) Chloroethane	1.71	64	72064	46.093	ug/l	97
7) Trichlorofluoromethane	1.92	101	193852	46.145	ug/l	99
8) Diethyl Ether	2.19	74	70046	46.496	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	118010	46.355	ug/l	100
10) Methyl Iodide	2.51	142	156383	43.043	ug/l	99
11) Tert butyl alcohol	3.05	59	148882	203.050	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115152	44.452	ug/l	97
13) Acrolein	2.29	56	94150	193.563	ug/l	100
14) Allyl chloride	2.73	41	168854	45.912	ug/l	99
15) Acrylonitrile	3.14	53	329713	227.121	ug/l	100
16) Acetone	2.45	43	361981	257.758	ug/l	99
17) Carbon Disulfide	2.57	76	287142	41.316	ug/l	100
18) Methyl Acetate	2.77	43	127034	45.386	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	373577	45.841	ug/l	97
20) Methylene Chloride	2.85	84	130943	45.308	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	124501	44.687	ug/l	96
22) Diisopropyl ether	3.85	45	353857	46.019	ug/l	93
23) Vinyl Acetate	3.81	43	1586201	238.787	ug/l	99
24) 1,1-Dichloroethane	3.70	63	203574	45.802	ug/l	98
25) 2-Butanone	4.67	43	498441	241.962	ug/l	99
26) 2,2-Dichloropropane	4.58	77	183113	47.425	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	146528	45.512	ug/l	99
28) Bromochloromethane	5.01	49	96674	45.492	ug/l	97
29) Tetrahydrofuran	5.12	42	286001	224.143	ug/l	99
30) Chloroform	5.21	83	219544	45.908	ug/l	96
31) Cyclohexane	5.58	56	185394	45.804	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	195650	46.333	ug/l	100
36) 1,1-Dichloropropene	5.80	75	161668	47.360	ug/l	99
37) Ethyl Acetate	4.83	43	169533	48.276	ug/l	100
38) Carbon Tetrachloride	5.78	117	176195	47.666	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	218160	48.620	ug/l	98
40) Benzene	6.14	78	507107	47.683	ug/l	98
41) Methacrylonitrile	5.04	41	90518	46.977	ug/l	99
42) 1,2-Dichloroethane	6.19	62	159557	49.287	ug/l	99
43) Isopropyl Acetate	6.44	43	280322	48.247	ug/l	99
44) Trichloroethene	7.21	130	152130	47.806	ug/l	100
45) 1,2-Dichloropropane	7.51	63	127811	47.591	ug/l	99
46) Dibromomethane	7.66	93	93653	48.604	ug/l	97
47) Bromodichloromethane	7.90	83	170755	48.356	ug/l	99
48) Methyl methacrylate	7.77	41	131227	48.591	ug/l	99
49) 1,4-Dioxane	7.74	88	70201	902.344	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	885160	238.206	ug/l	100
52) Toluene	8.78	92	331920	47.393	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	194261	49.068	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	213039	49.517	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	140189	48.535	ug/l	100
56) Ethyl methacrylate	9.18	69	211184	48.265	ug/l	98
57) 1,3-Dichloropropane	9.37	76	216179	48.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	514804	247.733	ug/l	99
59) 2-Hexanone	9.49	43	714727	244.386	ug/l	99
60) Dibromochloromethane	9.58	129	159351	49.273	ug/l	100
61) 1,2-Dibromoethane	9.67	107	152113	48.790	ug/l	100
64) Tetrachloroethene	9.34	164	150288	47.686	ug/l	96
65) Chlorobenzene	10.13	112	381956	48.284	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	144330	50.089	ug/l	99
67) Ethyl Benzene	10.25	91	650167	48.684	ug/l	99
68) m/p-Xylenes	10.35	106	501663	96.945	ug/l	99
69) o-Xylene	10.69	106	246492	48.438	ug/l	99
70) Styrene	10.71	104	423057	49.572	ug/l	99
71) Bromoform	10.85	173	124892	49.841	ug/l #	99
73) Isopropylbenzene	11.02	105	660449	48.580	ug/l	99
74) N-amyl acetate	10.90	43	247539	48.179	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	210054	46.655	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	176399m	48.268	ug/l	
77) Bromobenzene	11.26	156	177971	46.882	ug/l	99
78) n-propylbenzene	11.36	91	743449	49.757	ug/l	100
79) 2-Chlorotoluene	11.42	91	423140	47.558	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	550976	49.162	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	73093	46.659	ug/l	98
82) 4-Chlorotoluene	11.51	91	493733	48.768	ug/l	99
83) tert-Butylbenzene	11.77	119	548401	48.752	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	555511	49.335	ug/l	99
85) sec-Butylbenzene	11.94	105	653711	49.495	ug/l	100
86) p-Isopropyltoluene	12.06	119	614208	50.277	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	317706	47.946	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	315812	46.815	ug/l	100
89) n-Butylbenzene	12.38	91	534950	51.531	ug/l	100
90) Hexachloroethane	12.59	117	106899	50.605	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	308296	46.812	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43752	45.072	ug/l	96

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93) 1,2,4-Trichlorobenzene	13.65	180	225412	49.355	ug/l	99
94) Hexachlorobutadiene	13.78	225	111193	49.815	ug/l	100
95) Naphthalene	13.83	128	680603	48.493	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	223716	49.267	ug/l	100

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

