

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010372.D
 Acq On : 20 Jun 2019 21:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:18:25 AM

Quant Time: Jun 21 18:02:15 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	290532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	396952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201043	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	133045	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	5.50	113	131148	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	8.71	98	493422	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.13	95	181019	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97703	48.371	ug/l	99
3) Chloromethane	1.32	50	107964	45.903	ug/l	99
4) Vinyl Chloride	1.41	62	123054	47.767	ug/l	100
5) Bromomethane	1.64	94	58517	46.625	ug/l	100
6) Chloroethane	1.71	64	74107	48.758	ug/l	98
7) Trichlorofluoromethane	1.93	101	204857	50.163	ug/l	98
8) Diethyl Ether	2.19	74	73581	50.243	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121210	48.977	ug/l	99
10) Methyl Iodide	2.51	142	130518	36.954	ug/l	99
11) Tert butyl alcohol	3.05	59	166836	234.061	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125094	49.675	ug/l	98
13) Acrolein	2.29	56	85984	181.843	ug/l	99
14) Allyl chloride	2.73	41	180052	50.361	ug/l	99
15) Acrylonitrile	3.14	53	358985	254.375	ug/l	99
16) Acetone	2.45	43	315565	231.149	ug/l	99
17) Carbon Disulfide	2.57	76	324653	48.053	ug/l	100
18) Methyl Acetate	2.78	43	137274	50.451	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	401323	50.658	ug/l	99
20) Methylene Chloride	2.85	84	139320	49.589	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	133205	49.182	ug/l	98
22) Diisopropyl ether	3.85	45	378127	50.586	ug/l	98
23) Vinyl Acetate	3.82	43	1679033	260.010	ug/l	100
24) 1,1-Dichloroethane	3.70	63	217989	50.451	ug/l	99
25) 2-Butanone	4.67	43	499666	249.512	ug/l	100
26) 2,2-Dichloropropane	4.58	77	168998	45.025	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	157024	50.171	ug/l	98
28) Bromochloromethane	5.02	49	96378	46.653	ug/l	99
29) Tetrahydrofuran	5.13	42	315832	254.619	ug/l	100
30) Chloroform	5.21	83	233826	50.297	ug/l	100
31) Cyclohexane	5.58	56	198123	50.353	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	207865	50.637	ug/l	100
36) 1,1-Dichloropropene	5.80	75	169979	48.760	ug/l	99
37) Ethyl Acetate	4.84	43	184933	51.566	ug/l	99
38) Carbon Tetrachloride	5.79	117	189921	50.311	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	222943	48.653	ug/l	99
40) Benzene	6.15	78	541852	49.891	ug/l	99
41) Methacrylonitrile	5.04	41	98436	50.025	ug/l	98
42) 1,2-Dichloroethane	6.20	62	169025	51.127	ug/l	99
43) Isopropyl Acetate	6.45	43	303980	51.231	ug/l	100
44) Trichloroethene	7.21	130	161657	49.744	ug/l	98
45) 1,2-Dichloropropane	7.51	63	137071	49.978	ug/l	98
46) Dibromomethane	7.66	93	98706	50.161	ug/l	99
47) Bromodichloromethane	7.90	83	184142	51.063	ug/l	99
48) Methyl methacrylate	7.77	41	143385	51.989	ug/l	99
49) 1,4-Dioxane	7.74	88	76217	959.307	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	968081	255.105	ug/l	99
52) Toluene	8.79	92	353167	49.379	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	202999	50.209	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	222898	50.732	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	147321	49.944	ug/l	98
56) Ethyl methacrylate	9.18	69	229863	51.442	ug/l	99
57) 1,3-Dichloropropane	9.37	76	228893	49.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	534579	251.902	ug/l	99
59) 2-Hexanone	9.49	43	747176	250.170	ug/l	100
60) Dibromochloromethane	9.58	129	168566	51.039	ug/l	99
61) 1,2-Dibromoethane	9.67	107	161505	50.726	ug/l	100
64) Tetrachloroethene	9.34	164	157248	48.977	ug/l	97
65) Chlorobenzene	10.13	112	401901	49.871	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	152579	51.978	ug/l	99
67) Ethyl Benzene	10.25	91	687651	50.543	ug/l	100
68) m/p-Xylenes	10.36	106	533364	101.176	ug/l	99
69) o-Xylene	10.69	106	260391	50.228	ug/l	99
70) Styrene	10.71	104	447182	51.435	ug/l	100
71) Bromoform	10.85	173	136214	53.360	ug/l	99
73) Isopropylbenzene	11.02	105	691211	50.719	ug/l	99
74) N-amyl acetate	10.90	43	273961	53.192	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	230348	51.038	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	188360m	51.415	ug/l	
77) Bromobenzene	11.26	156	189690	49.848	ug/l	99
78) n-propylbenzene	11.36	91	769100	51.349	ug/l	100
79) 2-Chlorotoluene	11.42	91	447522	50.176	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	572841	50.988	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	78478	49.974	ug/l	100
82) 4-Chlorotoluene	11.51	91	516683	50.910	ug/l	99
83) tert-Butylbenzene	11.77	119	570053	50.553	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	576737	51.095	ug/l	100
85) sec-Butylbenzene	11.94	105	672320	50.780	ug/l	100
86) p-Isopropyltoluene	12.06	119	621712	50.767	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	331027	49.834	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	327307	48.401	ug/l	100
89) n-Butylbenzene	12.38	91	529043	50.838	ug/l	100
90) Hexachloroethane	12.60	117	113933	53.804	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	324202	49.108	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49230	50.591	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	228090	49.820	ug/l	99
94) Hexachlorobutadiene	13.78	225	107608	48.091	ug/l	99
95) Naphthalene	13.83	128	723328	51.412	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	231870	50.938	ug/l	100

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

