

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002596.D
 Acq On : 15 Jun 2018 12:55
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:11:59 PM

Quant Time: Jun 15 13:25:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 13:16:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219300	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	172890	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	
35) Dibromofluoromethane	5.51	113	134887	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
50) Toluene-d8	8.72	98	526714	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.14	95	199069	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	121182	48.33	ug/l	100
3) Chloromethane	1.32	50	142041	43.05	ug/l	99
4) Vinyl Chloride	1.40	62	153835	48.68	ug/l	100
5) Bromomethane	1.64	94	83962	33.43	ug/l	99
6) Chloroethane	1.72	64	99882	48.86	ug/l	98
7) Trichlorofluoromethane	1.93	101	259823	53.96	ug/l	98
8) Diethyl Ether	2.19	74	92600	47.21	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	143295	55.15	ug/l	98
10) Methyl Iodide	2.51	142	180557	49.40	ug/l	98
11) Tert butyl alcohol	3.08	59	177119	229.15	ug/l	99
12) 1,1-Dichloroethene	2.37	96	131983	51.40	ug/l	98
13) Acrolein	2.29	56	83677	224.75	ug/l	100
14) Allyl chloride	2.73	41	261228	46.88	ug/l	98
15) Acrylonitrile	3.15	53	394062	239.52	ug/l	99
16) Acetone	2.45	43	372327	215.86	ug/l	100
17) Carbon Disulfide	2.57	76	321655	47.53	ug/l	98
18) Methyl Acetate	2.78	43	207012	50.87	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	485596	47.74	ug/l	99
20) Methylene Chloride	2.86	84	148050	43.20	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	140705	49.69	ug/l	97
22) Diisopropyl ether	3.88	45	457964	44.04	ug/l	99
23) Vinyl Acetate	3.83	43	1947033	215.53	ug/l	99
24) 1,1-Dichloroethane	3.70	63	235132	42.69	ug/l	99
25) 2-Butanone	4.71	43	508861	215.16	ug/l	98
26) 2,2-Dichloropropane	4.59	77	187996	43.67	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	140841	45.73	ug/l	97
28) Bromochloromethane	5.03	49	122930	46.09	ug/l	98
29) Tetrahydrofuran	5.17	42	334809	219.57	ug/l	98
30) Chloroform	5.22	83	247892	46.64	ug/l	97
31) Cyclohexane	5.58	56	217097	49.85	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	215575	47.83	ug/l	99
36) 1,1-Dichloropropene	5.80	75	184274	50.20	ug/l	100
37) Ethyl Acetate	4.87	43	203282	46.05	ug/l	100
38) Carbon Tetrachloride	5.79	117	192215	50.06	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	225310	53.86	ug/l	97
40) Benzene	6.15	78	543158	48.26	ug/l	99
41) Methacrylonitrile	5.07	41	114691	45.39	ug/l	99
42) 1,2-Dichloroethane	6.20	62	210739	47.13	ug/l	100
43) Isopropyl Acetate	6.47	43	343730	45.85	ug/l	100
44) Trichloroethene	7.22	130	158438	50.72	ug/l	98
45) 1,2-Dichloropropane	7.52	63	143120	47.10	ug/l	98
46) Dibromomethane	7.67	93	96565	46.88	ug/l	99
47) Bromodichloromethane	7.90	83	177943	47.77	ug/l	98
48) Methyl methacrylate	7.78	41	174147	46.24	ug/l	97
49) 1,4-Dioxane	7.76	88	65172	925.51	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1112231	238.21	ug/l	100
52) Toluene	8.79	92	354746	49.56	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	216931	48.56	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	201826	47.89	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	142568	48.43	ug/l	98
56) Ethyl methacrylate	9.18	69	224391	47.74	ug/l	99
57) 1,3-Dichloropropane	9.38	76	236742	47.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	530131	243.69	ug/l	99
59) 2-Hexanone	9.50	43	846551	234.73	ug/l	98
60) Dibromochloromethane	9.59	129	146339	49.42	ug/l	99
61) 1,2-Dibromoethane	9.68	107	151312	49.29	ug/l	100
64) Tetrachloroethene	9.34	164	185933	53.31	ug/l	98
65) Chlorobenzene	10.14	112	406665	48.32	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	145729	47.82	ug/l	99
67) Ethyl Benzene	10.26	91	705895	50.12	ug/l	100
68) m/p-Xylenes	10.36	106	543637	99.30	ug/l	100
69) o-Xylene	10.70	106	263701	48.40	ug/l	100
70) Styrene	10.71	104	447921	50.29	ug/l	99
71) Bromoform	10.86	173	111830	46.29	ug/l #	99
73) Isopropylbenzene	11.02	105	727952	47.72	ug/l	100
74) N-amyl acetate	6.47	43	343730	41.82	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	205912	42.92	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	187712m	39.01	ug/l	
77) Bromobenzene	11.26	156	196728	45.93	ug/l	98
78) n-propylbenzene	11.37	91	836115	49.31	ug/l	100
79) 2-Chlorotoluene	11.43	91	484650	45.27	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	616954	47.15	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	56877	41.43	ug/l	96
82) 4-Chlorotoluene	11.51	91	582285	47.12	ug/l	99
83) tert-Butylbenzene	11.77	119	596328	46.80	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	630852	46.84	ug/l	99
85) sec-Butylbenzene	11.95	105	748640	50.12	ug/l	99
86) p-Isopropyltoluene	12.07	119	676917	49.75	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	362431	47.33	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	368692	46.71	ug/l	99
89) n-Butylbenzene	12.39	91	601288	52.69	ug/l	100
90) Hexachloroethane	12.60	117	96489	44.42	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	364123	45.96	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	46678	44.49	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	276195	49.71	ug/l	100
94) Hexachlorobutadiene	13.79	225	147600	53.76	ug/l	100
95) Naphthalene	13.84	128	756631	47.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	273603	48.29	ug/l	99

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

