

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002708.D
 Acq On : 19 Jun 2018 05:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:05:37 PM

Quant Time: Jun 19 07:16:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	297362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	189528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	153309	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	5.51	113	121170	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	8.72	98	453373	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.14	95	173434	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92139	41.496	ug/l	98
3) Chloromethane	1.32	50	107177	40.577	ug/l	99
4) Vinyl Chloride	1.41	62	118630	43.281	ug/l	100
5) Bromomethane	1.64	94	61871	37.411	ug/l	96
6) Chloroethane	1.72	64	83599	46.275	ug/l	99
7) Trichlorofluoromethane	1.93	101	214577	48.186	ug/l	98
8) Diethyl Ether	2.19	74	77535	45.778	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119391	47.964	ug/l	99
10) Methyl Iodide	2.51	142	122621	37.902	ug/l	99
11) Tert butyl alcohol	3.09	59	152407	231.951	ug/l	98
12) 1,1-Dichloroethene	2.37	96	105797	45.269	ug/l	100
13) Acrolein	2.30	56	22111	76.674	ug/l	99
14) Allyl chloride	2.73	41	202732	43.689	ug/l	99
15) Acrylonitrile	3.15	53	348014	242.718	ug/l	99
16) Acetone	2.45	43	373490	266.343	ug/l	100
17) Carbon Disulfide	2.57	76	254370	45.891	ug/l	98
18) Methyl Acetate	2.78	43	199012	53.270	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	413185	47.128	ug/l	99
20) Methylene Chloride	2.86	84	127850	44.466	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	115506	45.557	ug/l	97
22) Diisopropyl ether	3.88	45	392631	46.767	ug/l	100
23) Vinyl Acetate	3.83	43	1244359	177.091	ug/l	99
24) 1,1-Dichloroethane	3.70	63	230400	50.564	ug/l	100
25) 2-Butanone	4.71	43	476878	258.951	ug/l	97
26) 2,2-Dichloropropane	4.59	77	92369	28.212	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	124317	48.190	ug/l	90
28) Bromochloromethane	5.03	49	106714	50.009	ug/l	96
29) Tetrahydrofuran	5.17	42	301978	250.203	ug/l	97
30) Chloroform	5.22	83	223840	50.942	ug/l	99
31) Cyclohexane	5.57	56	181325	48.332	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	192001	52.245	ug/l	100
36) 1,1-Dichloropropene	5.80	75	157554	49.888	ug/l	99
37) Ethyl Acetate	4.87	43	180129	50.392	ug/l	100
38) Carbon Tetrachloride	5.79	117	173388	55.134	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181710	49.217	ug/l	98
40) Benzene	6.15	78	467207	49.337	ug/l	99
41) Methacrylonitrile	5.07	41	104244	51.650	ug/l	98
42) 1,2-Dichloroethane	6.20	62	186721	50.929	ug/l	100
43) Isopropyl Acetate	6.48	43	297335	50.205	ug/l	99
44) Trichloroethene	7.22	130	144558	52.888	ug/l	100
45) 1,2-Dichloropropane	7.52	63	123913	49.718	ug/l	99
46) Dibromomethane	7.67	93	88259	52.940	ug/l	99
47) Bromodichloromethane	7.90	83	163435	55.582	ug/l	99
48) Methyl methacrylate	7.78	41	153633	50.763	ug/l	98
49) 1,4-Dioxane	7.76	88	60972	1063.825	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1007436	264.931	ug/l	100
52) Toluene	8.79	92	307879	50.967	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	176009	45.448	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	162357	44.129	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	130384	53.417	ug/l	97
56) Ethyl methacrylate	9.19	69	195494	52.044	ug/l	98
57) 1,3-Dichloropropane	9.38	76	210238	50.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	448691	246.966	ug/l	98
59) 2-Hexanone	9.50	43	772761	269.684	ug/l	98
60) Dibromochloromethane	9.59	129	136728	49.812	ug/l	99
61) 1,2-Dibromoethane	9.68	107	136349	53.937	ug/l	99
64) Tetrachloroethene	9.34	164	218807	68.362	ug/l	98
65) Chlorobenzene	10.14	112	359197	50.725	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	135905	56.294	ug/l	99
67) Ethyl Benzene	10.26	91	612774	51.304	ug/l	99
68) m/p-Xylenes	10.36	106	475280	103.157	ug/l	99
69) o-Xylene	10.70	106	233729	51.634	ug/l	98
70) Styrene	10.71	104	394362	52.974	ug/l	99
71) Bromoform	10.86	173	107116	48.859	ug/l	99
73) Isopropylbenzene	11.02	105	640198	50.505	ug/l	100
74) N-amyl acetate	6.48	43	297335	47.211	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	181893	48.592	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	188624m	52.742	ug/l	
77) Bromobenzene	11.26	156	178228	50.470	ug/l	97
78) n-propylbenzene	11.37	91	724422	49.832	ug/l	100
79) 2-Chlorotoluene	11.43	91	431414	49.705	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	540409	50.447	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	42688	39.181	ug/l	95
82) 4-Chlorotoluene	11.51	91	510915	49.887	ug/l	99
83) tert-Butylbenzene	11.77	119	487574	47.246	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	558911	51.131	ug/l	98
85) sec-Butylbenzene	11.95	105	654694	51.021	ug/l	100
86) p-Isopropyltoluene	12.07	119	589351	50.760	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	324955	50.177	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	328353	49.830	ug/l	100
89) n-Butylbenzene	12.39	91	499871	48.804	ug/l	99
90) Hexachloroethane	12.60	117	86957	48.150	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	331952	50.928	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44190	56.359	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	242222	51.203	ug/l	99
94) Hexachlorobutadiene	13.79	225	120698	48.435	ug/l	100
95) Naphthalene	13.84	128	691953	54.358	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	250130	52.645	ug/l	100

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

