

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001990.D
 Acq On : 25 May 2018 21:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/29/2018 4:39:24 PM

Quant Time: May 26 03:58:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	248204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	238684	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	5.51	113	185432	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	8.72	98	686318	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	271254	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	168828	49.624	ug/l	98
3) Chloromethane	1.32	50	200433	47.934	ug/l	100
4) Vinyl Chloride	1.41	62	201104	49.810	ug/l	98
5) Bromomethane	1.64	94	71494	38.244	ug/l	98
6) Chloroethane	1.72	64	125620	52.780	ug/l	98
7) Trichlorofluoromethane	1.93	101	320982	52.940	ug/l	100
8) Diethyl Ether	2.19	74	120557	54.801	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	176158	52.067	ug/l	99
10) Methyl Iodide	2.51	142	152326	33.274	ug/l	99
11) Tert butyl alcohol	3.09	59	258583	271.178	ug/l	99
12) 1,1-Dichloroethene	2.37	96	165675	52.302	ug/l	99
13) Acrolein	2.30	56	84983	206.127	ug/l	99
14) Allyl chloride	2.73	41	349326	52.536	ug/l	99
15) Acrylonitrile	3.16	53	517766	264.049	ug/l	100
16) Acetone	2.45	43	482983	257.621	ug/l	99
17) Carbon Disulfide	2.57	76	469100	51.456	ug/l	99
18) Methyl Acetate	2.78	43	264679	58.805	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	642915	53.963	ug/l	99
20) Methylene Chloride	2.86	84	185486	57.388	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	174865	56.921	ug/l	99
22) Diisopropyl ether	3.88	45	695635	51.434	ug/l	99
23) Vinyl Acetate	3.83	43	3026207	269.868	ug/l	98
24) 1,1-Dichloroethane	3.70	63	348593	54.258	ug/l	100
25) 2-Butanone	4.72	43	817725	237.978	ug/l	99
26) 2,2-Dichloropropane	4.59	77	250675	38.548	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	199976	48.413	ug/l	95
28) Bromochloromethane	5.03	49	150338	55.931	ug/l	100
29) Tetrahydrofuran	5.17	42	536974	240.191	ug/l	100
30) Chloroform	5.22	83	352280	48.670	ug/l	99
31) Cyclohexane	5.58	56	315419	47.122	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	324942	48.154	ug/l	100
36) 1,1-Dichloropropene	5.81	75	255834	47.845	ug/l	100
37) Ethyl Acetate	4.87	43	323322	46.380	ug/l	99
38) Carbon Tetrachloride	5.79	117	293293	47.037	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	309887	47.173	ug/l	98
40) Benzene	6.15	78	775325	49.493	ug/l	100
41) Methacrylonitrile	5.07	41	184738	50.225	ug/l	99
42) 1,2-Dichloroethane	6.21	62	301494	48.181	ug/l	100
43) Isopropyl Acetate	6.48	43	568254	48.923	ug/l	99
44) Trichloroethene	7.22	130	217745	47.699	ug/l	99
45) 1,2-Dichloropropane	7.52	63	211950	49.820	ug/l	97
46) Dibromomethane	7.67	93	138192	49.062	ug/l	100
47) Bromodichloromethane	7.91	83	283586	47.219	ug/l	100
48) Methyl methacrylate	7.79	41	284483	48.122	ug/l	99
49) 1,4-Dioxane	7.76	88	102972	988.445	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1729001	246.932	ug/l	99
52) Toluene	8.79	92	489309	49.080	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	329446	47.628	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	316477	46.953	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	202981	48.738	ug/l	98
56) Ethyl methacrylate	9.19	69	342358	47.791	ug/l	99
57) 1,3-Dichloropropane	9.38	76	337199	49.147	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	798768	251.574	ug/l	99
59) 2-Hexanone	9.51	43	1322513	244.957	ug/l	99
60) Dibromochloromethane	9.59	129	240734	48.801	ug/l	100
61) 1,2-Dibromoethane	9.68	107	215405	49.291	ug/l	100
64) Tetrachloroethene	9.34	164	250058	47.986	ug/l	99
65) Chlorobenzene	10.15	112	550753	47.830	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	222254	47.799	ug/l	98
67) Ethyl Benzene	10.26	91	960822	48.026	ug/l	99
68) m/p-Xylenes	10.37	106	736473	96.299	ug/l	100
69) o-Xylene	10.71	106	368076	48.202	ug/l	99
70) Styrene	10.72	104	614661	48.537	ug/l	100
71) Bromoform	10.87	173	204839	46.460	ug/l #	100
73) Isopropylbenzene	11.02	105	987448	46.981	ug/l	99
74) N-amyl acetate	6.48	43	568254	52.260	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	296617	51.641	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	308372m	51.725	ug/l	
77) Bromobenzene	11.26	156	263943	47.332	ug/l	99
78) n-propylbenzene	11.37	91	1117095	47.455	ug/l	99
79) 2-Chlorotoluene	11.43	91	667664	51.785	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	841077	46.825	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	95635	38.554	ug/l	97
82) 4-Chlorotoluene	11.52	91	783731	47.204	ug/l	100
83) tert-Butylbenzene	11.77	119	817044	46.354	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	871216	46.936	ug/l	100
85) sec-Butylbenzene	11.95	105	1000314	47.211	ug/l	99
86) p-Isopropyltoluene	12.07	119	897631	47.344	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	468238	46.886	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	472739	47.348	ug/l	100
89) n-Butylbenzene	12.39	91	769190	47.878	ug/l	100
90) Hexachloroethane	12.60	117	166290	44.464	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	485670	47.730	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	84051	44.979	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	349824	48.079	ug/l	100
94) Hexachlorobutadiene	13.79	225	183879	46.980	ug/l	99
95) Naphthalene	13.84	128	1072881	47.860	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	361545	48.022	ug/l	100

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

