

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001843.D
 Acq On : 18 May 2018 22:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/21/2018 2:40:38 PM

Quant Time: May 19 05:19:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	185721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	175538	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
35) Dibromofluoromethane	5.51	113	158629	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	8.72	98	587768	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	11.14	95	176995	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	128136	45.81	ug/l	99
3) Chloromethane	1.32	50	154008	50.97	ug/l	99
4) Vinyl Chloride	1.40	62	161614	49.48	ug/l	100
5) Bromomethane	1.64	94	61883	44.68	ug/l	98
6) Chloroethane	1.72	64	106059	51.55	ug/l	99
7) Trichlorofluoromethane	1.92	101	226948	47.81	ug/l	99
8) Diethyl Ether	2.19	74	99276	50.81	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	137580	48.15	ug/l	99
10) Methyl Iodide	2.51	142	192094	73.07	ug/l	98
11) Tert butyl alcohol	3.09	59	180108	271.54	ug/l	99
12) 1,1-Dichloroethene	2.37	96	129466	47.00	ug/l	98
13) Acrolein	2.30	56	92591	196.83	ug/l	99
14) Allyl chloride	2.73	41	254664	50.01	ug/l	96
15) Acrylonitrile	3.15	53	436082	261.77	ug/l	100
16) Acetone	2.45	43	363066	247.43	ug/l	99
17) Carbon Disulfide	2.57	76	305174	42.47	ug/l	98
18) Methyl Acetate	2.78	43	241168	56.22	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	466438	50.23	ug/l	100
20) Methylene Chloride	2.86	84	153492	48.87	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	139449	45.95	ug/l	97
22) Diisopropyl ether	3.88	45	511956	52.41	ug/l	99
23) Vinyl Acetate	3.83	43	1690799	240.24	ug/l	99
24) 1,1-Dichloroethane	3.70	63	268930	50.20	ug/l	100
25) 2-Butanone	4.71	43	622433	277.07	ug/l	97
26) 1,2-Dichloropropane	4.59	77	172591	40.02	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	176363	51.07	ug/l	96
28) Bromochloromethane	5.03	49	137827	57.92	ug/l	99
29) Tetrahydrofuran	5.17	42	403721	275.70	ug/l	100
30) Chloroform	5.22	83	286936	50.99	ug/l	99
31) Cyclohexane	5.58	56	241181	51.36	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	245915	50.57	ug/l	99
36) 1,1-Dichloropropene	5.80	75	204005	48.79	ug/l	99
37) Ethyl Acetate	4.87	43	233333	53.54	ug/l	100
38) Carbon Tetrachloride	5.79	117	221468	50.56	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247662	50.69	ug/l	99
40) Benzene	6.15	78	648419	52.63	ug/l	99
41) Methacrylonitrile	5.07	41	134542	53.39	ug/l	98
42) 1,2-Dichloroethane	6.20	62	218356	49.01	ug/l	98
43) Isopropyl Acetate	6.48	43	359661	52.73	ug/l	99
44) Trichloroethene	7.22	130	194535	50.87	ug/l	95
45) 1,2-Dichloropropane	7.52	63	164873	54.54	ug/l	99
46) Dibromomethane	7.67	93	108565	51.14	ug/l	97
47) Bromodichloromethane	7.90	83	209940	53.30	ug/l	96
48) Methyl methacrylate	7.79	41	192916	53.74	ug/l	96
49) 1,4-Dioxane	7.76	88	87757	1269.58	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1226143	283.68	ug/l	99
52) Toluene	8.79	92	421985	53.30	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	244167	52.68	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	216066	52.89	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	143793	47.52	ug/l	98
56) Ethyl methacrylate	9.19	69	213174	49.68	ug/l	98
57) 1,3-Dichloropropane	9.38	76	232605	45.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	623646	282.52	ug/l	100
59) 2-Hexanone	9.51	43	779409	251.90	ug/l	99
60) Dibromochloromethane	9.59	129	154914	49.99	ug/l	100
61) 1,2-Dibromoethane	9.68	107	150510	47.51	ug/l	99
64) Tetrachloroethene	9.34	164	190461	51.34	ug/l	97
65) Chlorobenzene	10.15	112	395983	50.52	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	151454	54.71	ug/l	98
67) Ethyl Benzene	10.26	91	655038	52.29	ug/l	100
68) m/p-Xylenes	10.37	106	524441	106.10	ug/l	99
69) o-Xylene	10.71	106	254206	53.70	ug/l	100
70) Styrene	10.72	104	419582	53.75	ug/l	100
71) Bromoform	10.87	173	128177	49.76	ug/l	99
73) Isopropylbenzene	11.02	105	679896	55.59	ug/l	100
74) N-amyl acetate	6.48	43	359661	61.34	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	199342	54.33	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	193888m	54.90	ug/l	
77) Bromobenzene	11.26	156	192670	53.61	ug/l	100
78) n-propylbenzene	11.37	91	745694	54.12	ug/l	99
79) 2-Chlorotoluene	11.43	91	448665	54.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	560873	55.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	54191	46.01	ug/l	98
82) 4-Chlorotoluene	11.52	91	513029	52.84	ug/l	100
83) tert-Butylbenzene	11.77	119	561229	56.21	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	582299	56.04	ug/l	100
85) sec-Butylbenzene	11.95	105	682500	55.37	ug/l	100
86) p-Isopropyltoluene	12.07	119	628342	55.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	343966	51.75	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	347052	50.50	ug/l	100
89) n-Butylbenzene	12.40	91	497087	50.39	ug/l	100
90) Hexachloroethane	12.60	117	101250	57.16	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	352254	53.19	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	46260	59.07	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	264513	50.11	ug/l	100
94) Hexachlorobutadiene	13.79	225	142812	50.39	ug/l	100
95) Naphthalene	13.84	128	763811	55.67	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	277459	52.20	ug/l	99

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

