

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000324.D
 Acq On : 15 Mar 2018 12:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 3/16/2018 3:43:19 PM

Quant Time: Mar 16 02:49:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	144280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	232461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	238331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157871	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	85490	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	
35) Dibromofluoromethane	5.51	113	67598	46.09	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	8.73	98	278084	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
62) 4-Bromofluorobenzene	11.15	95	114117	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66523	42.80	ug/l	99
3) Chloromethane	1.32	50	63854	40.30	ug/l	98
4) Vinyl Chloride	1.41	62	73041	41.16	ug/l	98
5) Bromomethane	1.64	94	94913	47.93	ug/l	97
6) Chloroethane	1.73	64	48357	38.34	ug/l	97
7) Trichlorofluoromethane	1.93	101	130988	42.50	ug/l	99
8) Diethyl Ether	2.19	74	45482	41.46	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	74138	44.67	ug/l	98
10) Methyl Iodide	2.52	142	76480	45.61	ug/l	99
11) Tert butyl alcohol	3.07	59	163766	253.58	ug/l	100
12) 1,1-Dichloroethene	2.38	96	64553	40.99	ug/l	97
13) Acrolein	2.30	56	75584	272.04	ug/l	99
14) Allyl chloride	2.73	41	121313	43.20	ug/l	99
15) Acrylonitrile	3.15	53	288306	231.53	ug/l	100
16) Acetone	2.45	43	322886	242.28	ug/l	98
17) Carbon Disulfide	2.57	76	174759	37.98	ug/l	98
18) Methyl Acetate	2.78	43	141972	47.61	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	242476	43.73	ug/l	100
20) Methylene Chloride	2.86	84	71450	41.41	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	70659	40.58	ug/l	95
22) Diisopropyl ether	3.87	45	230225	49.25	ug/l	95
23) Vinyl Acetate	3.83	43	1123526	252.18	ug/l	99
24) 1,1-Dichloroethane	3.70	63	130935	44.53	ug/l	98
25) 2-Butanone	4.71	43	415525	260.87	ug/l	98
26) 2,2-Dichloropropane	4.59	77	100014	47.12	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	71234	44.79	ug/l	97
28) Bromochloromethane	5.03	49	59588	48.21	ug/l	98
29) Tetrahydrofuran	5.17	42	264952	258.44	ug/l	98
30) Chloroform	5.22	83	131887	47.51	ug/l	97
31) Cyclohexane	5.58	56	103954	46.08	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	117971	48.08	ug/l	98
36) 1,1-Dichloropropene	5.81	75	96859	45.86	ug/l	99
37) Ethyl Acetate	4.87	43	138880	49.47	ug/l	99
38) Carbon Tetrachloride	5.79	117	103471	48.59	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	121285	49.23	ug/l	95
40) Benzene	6.15	78	281058	46.90	ug/l	99
41) Methacrylonitrile	5.07	41	72152	48.95	ug/l	99
42) 1,2-Dichloroethane	6.21	62	112005	47.16	ug/l	100
43) Isopropyl Acetate	6.48	43	212691	52.50	ug/l	99
44) Trichloroethene	7.22	130	79617	45.85	ug/l	94
45) 1,2-Dichloropropane	7.53	63	74273	50.26	ug/l	99
46) Dibromomethane	7.67	93	56304	47.43	ug/l	97
47) Bromodichloromethane	7.91	83	105830	50.22	ug/l	97
48) Methyl methacrylate	7.79	41	102825	50.19	ug/l	100
49) 1,4-Dioxane	7.76	88	47539	1031.42	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	829063	263.50	ug/l	99
52) Toluene	8.79	92	198521	47.16	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	124436	51.16	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	127119	53.44	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	81238	48.10	ug/l	99
56) Ethyl methacrylate	9.19	69	131762	52.69	ug/l	98
57) 1,3-Dichloropropane	9.38	76	135589	49.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	317338	297.24	ug/l	99
59) 2-Hexanone	9.51	43	730819	275.69	ug/l	99
60) Dibromochloromethane	9.59	129	93797	52.52	ug/l	98
61) 1,2-Dibromoethane	9.68	107	94055	50.24	ug/l	98
64) Tetrachloroethene	9.34	164	79767	52.14	ug/l	98
65) Chlorobenzene	10.15	112	238616	49.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	85190	52.19	ug/l	99
67) Ethyl Benzene	10.26	91	415038	50.16	ug/l	99
68) m/p-Xylenes	10.37	106	336514	104.38	ug/l	97
69) o-Xylene	10.71	106	161307	51.51	ug/l	99
70) Styrene	10.72	104	271903	52.32	ug/l	99
71) Bromoform	10.87	173	76254	46.41	ug/l #	96
73) Isopropylbenzene	11.02	105	446314	46.94	ug/l	99
74) N-amyl acetate	6.48	43	212691	46.73	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	158422	46.80	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	144662m	50.76	ug/l	
77) Bromobenzene	11.26	156	111858	44.82	ug/l	99
78) n-propylbenzene	11.37	91	540388	47.13	ug/l	100
79) 2-Chlorotoluene	11.43	91	296863	45.63	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	391751	48.36	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	50188	48.07	ug/l	97
82) 4-Chlorotoluene	11.52	91	380259	47.55	ug/l	98
83) tert-Butylbenzene	11.78	119	381277	48.25	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	403400	48.44	ug/l	99
85) sec-Butylbenzene	11.96	105	488842	49.41	ug/l	100
86) p-Isopropyltoluene	12.07	119	442612	50.27	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	230719	47.11	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	249228	48.97	ug/l	99
89) n-Butylbenzene	12.40	91	429952	50.23	ug/l	99
90) Hexachloroethane	12.60	117	71047	50.31	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	230306	48.55	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47491	51.83	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	160633	47.01	ug/l	100
94) Hexachlorobutadiene	13.79	225	63137	46.84	ug/l	99
95) Naphthalene	13.84	128	570515	48.11	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	157698	45.68	ug/l	100

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

