

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001229.D
 Acq On : 28 Apr 2018 22:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:46:26 PM

Quant Time: Apr 30 03:21:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	259733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177568	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	129269	42.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.38%	
35) Dibromofluoromethane	5.51	113	107006	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.72	98	404955	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.14	95	156738	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	94997	46.37	ug/l	97
3) Chloromethane	1.32	50	92325	43.04	ug/l	98
4) Vinyl Chloride	1.40	62	107130	47.07	ug/l	99
5) Bromomethane	1.64	94	76659	55.30	ug/l	99
6) Chloroethane	1.72	64	69309	48.38	ug/l	98
7) Trichlorofluoromethane	1.93	101	188219	51.20	ug/l	99
8) Diethyl Ether	2.19	74	66650	47.16	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104816	51.75	ug/l	99
10) Methyl Iodide	2.51	142	123277	57.31	ug/l	99
11) Tert butyl alcohol	3.09	59	126508	211.87	ug/l	98
12) 1,1-Dichloroethene	2.37	96	96126	48.66	ug/l	99
13) Acrolein	2.30	56	42053	186.30	ug/l	96
14) Allyl chloride	2.73	41	173619	48.18	ug/l	97
15) Acrylonitrile	3.15	53	284505	223.13	ug/l	98
16) Acetone	2.45	43	260637	209.32	ug/l	100
17) Carbon Disulfide	2.57	76	237412	47.11	ug/l	99
18) Methyl Acetate	2.78	43	149652	48.03	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	344841	47.43	ug/l	96
20) Methylene Chloride	2.86	84	108209	46.66	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	104695	47.95	ug/l	99
22) Diisopropyl ether	3.88	45	333164	46.21	ug/l	95
23) Vinyl Acetate	3.83	43	1416111	231.53	ug/l	99
24) 1,1-Dichloroethane	3.70	63	176328	46.53	ug/l	99
25) 2-Butanone	4.72	43	386856	207.65	ug/l	100
26) 2,2-Dichloropropane	4.59	77	116938	39.21	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	112425	47.02	ug/l	97
28) Bromochloromethane	5.03	49	84737	49.87	ug/l	96
29) Tetrahydrofuran	5.18	42	252343	210.66	ug/l	99
30) Chloroform	5.23	83	195306	48.47	ug/l	99
31) Cyclohexane	5.58	56	156197	48.52	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	171535	49.31	ug/l	99
36) 1,1-Dichloropropene	5.81	75	142906	49.93	ug/l	99
37) Ethyl Acetate	4.87	43	152641	44.53	ug/l	100
38) Carbon Tetrachloride	5.79	117	153216	52.21	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	160830	50.77	ug/l	98
40) Benzene	6.15	78	422336	51.01	ug/l	97
41) Methacrylonitrile	5.07	41	86544	44.94	ug/l	98
42) 1,2-Dichloroethane	6.21	62	164205	49.22	ug/l	100
43) Isopropyl Acetate	6.48	43	253299	47.06	ug/l	100
44) Trichloroethene	7.22	130	126792	51.40	ug/l	97
45) 1,2-Dichloropropane	7.52	63	109498	50.28	ug/l	97
46) Dibromomethane	7.67	93	76400	50.66	ug/l	98
47) Bromodichloromethane	7.91	83	142112	51.87	ug/l	100
48) Methyl methacrylate	7.79	41	134527	47.02	ug/l	98
49) 1,4-Dioxane	7.76	88	51937	906.63	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	846623	239.43	ug/l	100
52) Toluene	8.79	92	278168	51.38	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	162296	50.95	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	153081	44.63	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	116037	50.65	ug/l	98
56) Ethyl methacrylate	9.19	69	171085	50.41	ug/l	97
57) 1,3-Dichloropropane	9.38	76	185275	50.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	392256	244.47	ug/l	99
59) 2-Hexanone	9.51	43	649840	234.56	ug/l	100
60) Dibromochloromethane	9.59	129	126194	47.35	ug/l	99
61) 1,2-Dibromoethane	9.68	107	123330	51.39	ug/l	99
64) Tetrachloroethene	9.34	164	141240	52.30	ug/l	97
65) Chlorobenzene	10.15	112	335278	50.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	122065	53.22	ug/l	100
67) Ethyl Benzene	10.26	91	550313	51.10	ug/l	98
68) m/p-Xylenes	10.37	106	441191	103.62	ug/l	99
69) o-Xylene	10.71	106	212787	51.52	ug/l	100
70) Styrene	10.72	104	359260	52.27	ug/l	100
71) Bromoform	10.87	173	102394	43.19	ug/l	99
73) Isopropylbenzene	11.02	105	577650	49.91	ug/l	99
74) N-amyl acetate	6.48	43	253299	43.43	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	177549	46.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	164084m	45.38	ug/l	
77) Bromobenzene	11.26	156	168598	49.12	ug/l	98
78) n-propylbenzene	11.37	91	653727	50.65	ug/l	100
79) 2-Chlorotoluene	11.43	91	393969	49.25	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	496626	50.68	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	40121	36.80	ug/l	97
82) 4-Chlorotoluene	11.52	91	471729	49.61	ug/l	100
83) tert-Butylbenzene	11.77	119	490700	50.18	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	512347	50.87	ug/l	99
85) sec-Butylbenzene	11.95	105	582233	50.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	535125	50.36	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	304925	49.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	314496	48.99	ug/l	99
89) n-Butylbenzene	12.40	91	458343	49.83	ug/l	100
90) Hexachloroethane	12.60	117	80489	47.14	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	310903	49.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39148	46.20	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	235288	48.20	ug/l	99
94) Hexachlorobutadiene	13.79	225	107235	46.73	ug/l	100
95) Naphthalene	13.84	128	650745	47.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	234111	48.19	ug/l	100

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

