

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
 Data File : VX000158.D
 Acq On : 27 Feb 2018 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ClientSampled :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 2/28/2018 3:55:04 PM

Quant Time: Feb 28 06:24:08 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	149804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	253794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	251231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	150071	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	100154	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
35) Dibromofluoromethane	5.51	113	80607	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	8.73	98	314466	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.15	95	123601	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64549	41.85	ug/l	98
3) Chloromethane	1.32	50	57217	37.82	ug/l	100
4) Vinyl Chloride	1.40	62	75982	45.08	ug/l	96
5) Bromomethane	1.64	94	68571	51.29	ug/l	99
6) Chloroethane	1.73	64	50081	44.25	ug/l	96
7) Trichlorofluoromethane	1.93	101	142591	47.32	ug/l	100
8) Diethyl Ether	2.20	74	51335	49.36	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	76716	45.55	ug/l	98
10) Methyl Iodide	2.51	142	56647	30.71	ug/l	98
11) Tert butyl alcohol	3.08	59	158152	219.38	ug/l	99
12) 1,1-Dichloroethene	2.38	96	70977	45.24	ug/l	94
13) Acrolein	2.30	56	14970	43.47	ug/l	100
14) Allyl chloride	2.73	41	124172	47.28	ug/l	97
15) Acrylonitrile	3.15	53	305452	248.10	ug/l	99
16) Acetone	2.45	43	287946	237.33	ug/l	99
17) Carbon Disulfide	2.57	76	167205	36.20	ug/l	99
18) Methyl Acetate	2.78	43	163778	57.56	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	275518	51.16	ug/l	100
20) Methylene Chloride	2.86	84	83225	54.04	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	76730	45.11	ug/l	96
22) Diisopropyl ether	3.88	45	220179	47.98	ug/l	94
23) Vinyl Acetate	3.84	43	967205	226.81	ug/l	95
24) 1,1-Dichloroethane	3.70	63	117896	43.37	ug/l	99
25) 2-Butanone	4.72	43	408294	241.05	ug/l	100
26) 2,2-Dichloropropane	4.60	77	75437	31.92	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	76684	47.33	ug/l	96
28) Bromochloromethane	5.03	49	64409	52.84	ug/l	90
29) Tetrahydrofuran	5.18	42	269655	244.48	ug/l	98
30) Chloroform	5.23	83	140034	48.94	ug/l	99
31) Cyclohexane	5.59	56	104543	44.72	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	127366	48.37	ug/l	98
36) 1,1-Dichloropropene	5.81	75	98923	43.44	ug/l	98
37) Ethyl Acetate	4.88	43	141812	45.32	ug/l	98
38) Carbon Tetrachloride	5.80	117	110280	44.83	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	114414	41.73	ug/l	98
40) Benzene	6.15	78	296780	45.61	ug/l	98
41) Methacrylonitrile	5.08	41	76328	50.84	ug/l	99
42) 1,2-Dichloroethane	6.21	62	119148	49.90	ug/l	99
43) Isopropyl Acetate	6.48	43	221853	49.17	ug/l	99
44) Trichloroethene	7.23	130	84739	44.22	ug/l	97
45) 1,2-Dichloropropane	7.52	63	74588	46.77	ug/l	99
46) Dibromomethane	7.67	93	59497	47.81	ug/l	95
47) Bromodichloromethane	7.91	83	113022	49.17	ug/l	93
48) Methyl methacrylate	7.79	41	106092	47.97	ug/l	97
49) 1,4-Dioxane	7.77	88	35269	608.13	ug/l	93
51) 4-Methyl-2-Pentanone	8.66	43	836311	253.56	ug/l	97
52) Toluene	8.79	92	205725	47.33	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	122614	45.36	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	123278	45.93	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	88366	49.15	ug/l	98
56) Ethyl methacrylate	9.19	69	139540	50.58	ug/l	96
57) 1,3-Dichloropropane	9.38	76	141108	49.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	330400	236.94	ug/l	97
59) 2-Hexanone	9.51	43	711033	254.61	ug/l	99
60) Dibromochloromethane	9.59	129	98866	48.55	ug/l	99
61) 1,2-Dibromoethane	9.68	107	96844	48.54	ug/l	98
64) Tetrachloroethene	9.34	164	83767	45.79	ug/l	96
65) Chlorobenzene	10.15	112	247821	46.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	91022	49.04	ug/l	98
67) Ethyl Benzene	10.26	91	417135	46.85	ug/l	98
68) m/p-Xylenes	10.37	106	329456	93.45	ug/l	98
69) o-Xylene	10.71	106	162521	47.80	ug/l	98
70) Styrene	10.72	104	271420	48.82	ug/l	98
71) Bromoform	10.87	173	78813	46.76	ug/l #	99
73) Isopropylbenzene	11.02	105	432091	45.43	ug/l	99
74) N-amyl acetate	6.48	43	221853	46.17	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	159426	48.13	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	142856m	45.95	ug/l	
77) Bromobenzene	11.26	156	112778	43.75	ug/l	94
78) n-propylbenzene	11.37	91	508687	45.36	ug/l	99
79) 2-Chlorotoluene	11.43	91	296217	46.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	377272	46.92	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	42850	39.26	ug/l	92
82) 4-Chlorotoluene	11.52	91	360945	46.50	ug/l	98
83) tert-Butylbenzene	11.78	119	376550	46.37	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	393199	47.10	ug/l	99
85) sec-Butylbenzene	11.96	105	465108	46.12	ug/l	99
86) p-Isopropyltoluene	12.07	119	418082	46.40	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	221079	44.71	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	231425	45.29	ug/l	99
89) n-Butylbenzene	12.40	91	383149	45.09	ug/l	99
90) Hexachloroethane	12.60	117	71263	48.58	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	223324	45.89	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47000	51.12	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	154936	42.43	ug/l	99
94) Hexachlorobutadiene	13.79	225	61579	38.65	ug/l	97
95) Naphthalene	13.84	128	588705	47.55	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	158578	44.00	ug/l	98

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

