

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001657.D
 Acq On : 11 May 2018 23:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 5/14/2018 3:58:33 PM

Quant Time: May 12 07:28:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	150427	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
35) Dibromofluoromethane	5.51	113	128530	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
50) Toluene-d8	8.72	98	453340	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
62) 4-Bromofluorobenzene	11.14	95	171080	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	150781	47.35	ug/l	100
3) Chloromethane	1.32	50	145081	46.78	ug/l	99
4) Vinyl Chloride	1.40	62	158729	49.05	ug/l	99
5) Bromomethane	1.64	94	64085	42.76	ug/l	97
6) Chloroethane	1.71	64	105408	49.27	ug/l	100
7) Trichlorofluoromethane	1.92	101	237961	48.86	ug/l	98
8) Diethyl Ether	2.19	74	97966	51.32	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138351	48.45	ug/l	98
10) Methyl Iodide	2.51	142	163548	39.69	ug/l	99
11) Tert butyl alcohol	3.09	59	184949	258.03	ug/l	99
12) 1,1-Dichloroethene	2.37	96	130559	49.88	ug/l	98
13) Acrolein	2.29	56	25501	177.07	ug/l	94
14) Allyl chloride	2.73	41	249132	51.05	ug/l	97
15) Acrylonitrile	3.15	53	423123	261.23	ug/l	100
16) Acetone	2.45	43	371847	240.88	ug/l	98
17) Carbon Disulfide	2.57	76	306793	46.06	ug/l	99
18) Methyl Acetate	2.78	43	236091	58.21	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	473058	51.91	ug/l	99
20) Methylene Chloride	2.86	84	150639	49.28	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	138767	47.51	ug/l	97
22) Diisopropyl ether	3.88	45	483829	53.06	ug/l	98
23) Vinyl Acetate	3.83	43	1990860	262.00	ug/l	100
24) 1,1-Dichloroethane	3.70	63	267228	52.47	ug/l	99
25) 2-Butanone	4.72	43	581733	260.69	ug/l	98
26) 2,2-Dichloropropane	4.59	77	169695	43.14	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	168678	54.22	ug/l	94
28) Bromochloromethane	5.03	49	114460	51.83	ug/l	99
29) Tetrahydrofuran	5.18	42	375078	262.71	ug/l	100
30) Chloroform	5.22	83	280155	53.40	ug/l	100
31) Cyclohexane	5.58	56	220069	50.31	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	248987	54.30	ug/l	100
36) 1,1-Dichloropropene	5.81	75	195763	50.07	ug/l	100
37) Ethyl Acetate	4.87	43	222060	51.81	ug/l	100
38) Carbon Tetrachloride	5.79	117	223428	53.58	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227308	49.17	ug/l	98
40) Benzene	6.15	78	595244	52.12	ug/l	97
41) Methacrylonitrile	5.07	41	128702	52.48	ug/l	99
42) 1,2-Dichloroethane	6.20	62	228019	51.95	ug/l	100
43) Isopropyl Acetate	6.48	43	355219	53.99	ug/l	100
44) Trichloroethene	7.22	130	181104	51.88	ug/l	99
45) 1,2-Dichloropropane	7.52	63	151499	53.21	ug/l	98
46) Dibromomethane	7.67	93	105805	52.49	ug/l	99
47) Bromodichloromethane	7.90	83	208465	55.88	ug/l	100
48) Methyl methacrylate	7.79	41	189777	52.97	ug/l	98
49) 1,4-Dioxane	7.76	88	81759	1056.23	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1200335	274.53	ug/l	99
52) Toluene	8.79	92	397614	53.24	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	234918	55.72	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	215365	49.44	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	157594	52.38	ug/l	100
56) Ethyl methacrylate	9.19	69	234201	54.00	ug/l	98
57) 1,3-Dichloropropane	9.38	76	258877	52.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	595642	280.02	ug/l	100
59) 2-Hexanone	9.51	43	880385	262.95	ug/l	99
60) Dibromochloromethane	9.59	129	173601	56.35	ug/l	100
61) 1,2-Dibromoethane	9.68	107	165810	52.49	ug/l	99
64) Tetrachloroethene	9.34	164	211931	52.99	ug/l	98
65) Chlorobenzene	10.15	112	439131	52.19	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	167543	55.66	ug/l	99
67) Ethyl Benzene	10.26	91	726211	52.65	ug/l	100
68) m/p-Xylenes	10.37	106	579268	106.29	ug/l	99
69) o-Xylene	10.71	106	284079	53.64	ug/l	99
70) Styrene	10.72	104	473443	55.02	ug/l	99
71) Bromoform	10.87	173	141649	49.01	ug/l	100
73) Isopropylbenzene	11.02	105	764344	54.09	ug/l	100
74) N-amyl acetate	6.48	43	355219	55.34	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	229634	55.02	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	219459m	53.01	ug/l	
77) Bromobenzene	11.26	156	216633	52.73	ug/l	99
78) n-propylbenzene	11.37	91	842983	54.78	ug/l	100
79) 2-Chlorotoluene	11.43	91	503491	53.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	634091	53.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59974	46.51	ug/l	97
82) 4-Chlorotoluene	11.52	91	586157	53.65	ug/l	100
83) tert-Butylbenzene	11.77	119	625048	53.39	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	657509	54.37	ug/l	100
85) sec-Butylbenzene	11.95	105	773007	55.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	708885	54.99	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	385750	52.52	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	388746	51.89	ug/l	99
89) n-Butylbenzene	12.40	91	569276	53.30	ug/l	100
90) Hexachloroethane	12.60	117	113254	58.35	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	396633	53.08	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53950	58.83	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	297130	54.34	ug/l	100
94) Hexachlorobutadiene	13.79	225	155536	51.99	ug/l	99
95) Naphthalene	13.84	128	868916	57.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	310283	55.30	ug/l	99

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

