

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000662.D
 Acq On : 04 Apr 2018 17:18
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

sam
 4/5/2018 6:25:14 PM

Quant Time: Apr 05 02:31:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 02:06:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	94049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	163339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	173563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	112207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	77935	60.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.92%	
35) Dibromofluoromethane	5.51	113	55439	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	
50) Toluene-d8	8.73	98	232969	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	11.15	95	97665	56.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58774	55.19	ug/l	100
3) Chloromethane	1.32	50	47566	44.10	ug/l	100
4) Vinyl Chloride	1.40	62	67601	56.78	ug/l	100
5) Bromomethane	1.64	94	69528	48.74	ug/l	100
6) Chloroethane	1.72	64	47291	52.83	ug/l	100
7) Trichlorofluoromethane	1.93	101	117216	54.88	ug/l	100
8) Diethyl Ether	2.19	74	43504	56.55	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63759	53.59	ug/l	100
10) Methyl Iodide	2.51	142	39185	41.01	ug/l	100
11) Tert butyl alcohol	3.09	59	143796	318.29	ug/l	100
12) 1,1-Dichloroethene	2.37	96	56919	54.85	ug/l	100
13) Acrolein	2.30	56	86420	474.73	ug/l	100
14) Allyl chloride	2.73	41	117828	57.89	ug/l	100
15) Acrylonitrile	3.16	53	276424	307.09	ug/l	100
16) Acetone	2.45	43	293130	279.42	ug/l	100
17) Carbon Disulfide	2.57	76	132135	44.71	ug/l	100
18) Methyl Acetate	2.78	43	139609	61.97	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	221129	56.96	ug/l	100
20) Methylene Chloride	2.86	84	64356	53.36	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	60372	52.22	ug/l	100
22) Diisopropyl ether	3.88	45	150743	47.10	ug/l	100
23) Vinyl Acetate	3.83	43	710492	239.07	ug/l	100
24) 1,1-Dichloroethane	3.70	63	114789	56.08	ug/l	100
25) 2-Butanone	4.72	43	306869	264.64	ug/l	100
26) 2,2-Dichloropropane	4.59	77	61617	45.13	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	47841	45.74	ug/l	100
28) Bromochloromethane	5.03	49	44454	54.05	ug/l	100
29) Tetrahydrofuran	5.18	42	196903	275.00	ug/l	100
30) Chloroform	5.23	83	94257	50.65	ug/l	100
31) Cyclohexane	5.59	56	69776	45.82	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	80201	48.04	ug/l	100
36) 1,1-Dichloropropene	5.81	75	68060	45.01	ug/l	100
37) Ethyl Acetate	4.88	43	100992	48.47	ug/l	100
38) Carbon Tetrachloride	5.79	117	67427	43.10	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75723	41.77	ug/l	100
40) Benzene	6.15	78	197872	45.29	ug/l	100
41) Methacrylonitrile	5.07	41	55308	49.67	ug/l	100
42) 1,2-Dichloroethane	6.21	62	84835	48.78	ug/l	100
43) Isopropyl Acetate	6.48	43	160676	51.46	ug/l	100
44) Trichloroethene	7.22	130	52978	42.41	ug/l	100
45) 1,2-Dichloropropane	7.52	63	53602	47.61	ug/l	100
46) Dibromomethane	7.67	93	39841	45.22	ug/l	100
47) Bromodichloromethane	7.91	83	77222	49.62	ug/l	100
48) Methyl methacrylate	7.79	41	78472	51.73	ug/l	100
49) 1,4-Dioxane	7.77	88	33946	1055.64	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	661297	269.91	ug/l	100
52) Toluene	8.79	92	139007	45.26	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	86452	48.04	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	86175	49.26	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	59775	47.12	ug/l	100
56) Ethyl methacrylate	9.19	69	94628	49.05	ug/l	100
57) 1,3-Dichloropropane	9.38	76	98642	48.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	195907	217.61	ug/l	100
59) 2-Hexanone	9.51	43	575783	275.48	ug/l	100
60) Dibromochloromethane	9.59	129	62435	48.50	ug/l	100
61) 1,2-Dibromoethane	9.68	107	64180	47.32	ug/l	100
64) Tetrachloroethene	9.34	164	52168	39.89	ug/l	100
65) Chlorobenzene	10.15	112	165944	43.85	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	54938	43.32	ug/l	100
67) Ethyl Benzene	10.26	91	300824	46.62	ug/l	100
68) m/p-Xylenes	10.37	106	232172	91.71	ug/l	100
69) o-Xylene	10.71	106	110774	45.33	ug/l	100
70) Styrene	10.72	104	195190	48.11	ug/l	100
71) Bromoform	10.87	173	48883	43.27	ug/l #	100
73) Isopropylbenzene	11.02	105	311741	43.17	ug/l	100
74) N-amyl acetate	6.48	43	160676	44.17	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	117356	45.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	108955m	45.96	ug/l	
77) Bromobenzene	11.26	156	75392	39.29	ug/l	100
78) n-propylbenzene	11.37	91	389412	44.75	ug/l	100
79) 2-Chlorotoluene	11.43	91	219337	43.71	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	280451	45.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	32891	45.58	ug/l	100
82) 4-Chlorotoluene	11.52	91	284950	47.14	ug/l	100
83) tert-Butylbenzene	11.78	119	262410	42.85	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	291702	45.55	ug/l	100
85) sec-Butylbenzene	11.95	105	345298	45.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	313787	46.32	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	153742	42.21	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	164881	42.88	ug/l	100
89) n-Butylbenzene	12.40	91	310778	48.62	ug/l	100
90) Hexachloroethane	12.60	117	47684	45.16	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	156880	43.86	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	35202	48.48	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	104937	41.00	ug/l	100
94) Hexachlorobutadiene	13.79	225	39188	37.63	ug/l	100
95) Naphthalene	13.84	128	395368	44.32	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	104479	41.49	ug/l	100

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

