

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\
 Data File : VX000094.D
 Acq On : 14 Feb 2018 18:46
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 ICVVX021418

Manual Integrations
 APPROVED

sam
 2/16/2018 1:20:44 PM

Quant Time: Feb 15 13:15:41 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	5.67	168	121766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	204521	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	202051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	117168	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	73061	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	5.52	113	62870	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	8.73	98	244628	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.15	95	95970	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	61985	49.44	ug/l	100
3) Chloromethane	1.32	50	60364	49.09	ug/l	99
4) Vinyl Chloride	1.41	62	70264	51.29	ug/l	98
5) Bromomethane	1.64	94	60969	56.33	ug/l	100
6) Chloroethane	1.72	64	45323	49.26	ug/l	98
7) Trichlorofluoromethane	1.93	101	122719	50.10	ug/l	98
8) Diethyl Ether	2.20	74	42198	49.92	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68022	49.69	ug/l	98
10) Methyl Iodide	2.51	142	76495	51.01	ug/l	99
11) Tert butyl alcohol	3.09	59	148791	253.92	ug/l	99
12) 1,1-Dichloroethene	2.38	96	63110	49.49	ug/l	97
13) Acrolein	2.30	56	66825	238.75	ug/l	99
14) Allyl chloride	2.73	41	110724	51.87	ug/l	99
15) Acrylonitrile	3.16	53	253236	253.05	ug/l	99
16) Acetone	2.45	43	249290	252.78	ug/l	99
17) Carbon Disulfide	2.57	76	181599	48.37	ug/l	98
18) Methyl Acetate	2.79	43	117401	50.77	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	222745	50.89	ug/l	100
20) Methylene Chloride	2.86	84	68404	54.67	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	68193	49.33	ug/l	95
22) Diisopropyl ether	3.89	45	182353	48.89	ug/l	99
23) Vinyl Acetate	3.84	43	847283	244.44	ug/l	99
24) 1,1-Dichloroethane	3.70	63	96400	43.62	ug/l	99
25) 2-Butanone	4.72	43	344248	250.04	ug/l	100
26) 2,2-Dichloropropane	4.59	77	96501	50.24	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	67004	50.87	ug/l	99
28) Bromochloromethane	5.03	49	49263	49.72	ug/l	100
29) Tetrahydrofuran	5.18	42	225855	251.91	ug/l	100
30) Chloroform	5.23	83	117252	50.42	ug/l	97
31) Cyclohexane	5.59	56	93279	49.09	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	110017	51.40	ug/l	99
36) 1,1-Dichloropropene	5.81	75	87290	47.56	ug/l	99
37) Ethyl Acetate	4.88	43	119714	47.47	ug/l	100
38) Carbon Tetrachloride	5.79	117	98766	49.82	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	107231	48.53	ug/l	98
40) Benzene	6.15	78	253779	48.39	ug/l	100
41) Methacrylonitrile	5.08	41	61326	50.68	ug/l	99
42) 1,2-Dichloroethane	6.21	62	94601	49.17	ug/l	100
43) Isopropyl Acetate	6.48	43	177781	48.89	ug/l	99
44) Trichloroethene	7.23	130	76248	49.37	ug/l	98
45) 1,2-Dichloropropane	7.52	63	64505	50.19	ug/l	99
46) Dibromomethane	7.67	93	49411	49.27	ug/l	99
47) Bromodichloromethane	7.91	83	93531	50.49	ug/l	99
48) Methyl methacrylate	7.79	41	87609	49.15	ug/l	100
49) 1,4-Dioxane	7.77	88	45653	976.83	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	660511	248.51	ug/l	100
52) Toluene	8.79	92	174227	49.74	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	109860	50.44	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	109730	50.74	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	73178	50.51	ug/l	99
56) Ethyl methacrylate	9.20	69	113067	50.86	ug/l	98
57) 1,3-Dichloropropane	9.38	76	114735	49.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	276347	245.93	ug/l	99
59) 2-Hexanone	9.51	43	564576	250.88	ug/l	100
60) Dibromochloromethane	9.59	129	85695	52.22	ug/l	99
61) 1,2-Dibromoethane	9.68	107	82374	51.24	ug/l	98
64) Tetrachloroethene	9.35	164	74234	50.45	ug/l	95
65) Chlorobenzene	10.15	112	208508	48.88	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	75718	50.73	ug/l	99
67) Ethyl Benzene	10.26	91	346975	48.46	ug/l	100
68) m/p-Xylenes	10.37	106	281770	99.37	ug/l	99
69) o-Xylene	10.71	106	136591	49.95	ug/l	99
70) Styrene	10.72	104	228147	51.02	ug/l	100
71) Bromoform	10.87	173	71521	52.76	ug/l #	99
73) Isopropylbenzene	11.03	105	365240	49.18	ug/l	99
74) N-amyl acetate	6.48	43	177781	47.39	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	125980	48.71	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	112976m	46.55	ug/l	
77) Bromobenzene	11.26	156	99116	49.25	ug/l	99
78) n-propylbenzene	11.37	91	427270	48.80	ug/l	100
79) 2-Chlorotoluene	11.43	91	247810	49.47	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	312396	49.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	43206	50.70	ug/l	99
82) 4-Chlorotoluene	11.52	91	295380	48.74	ug/l	99
83) tert-Butylbenzene	11.78	119	310722	49.01	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	322145	49.42	ug/l	99
85) sec-Butylbenzene	11.96	105	380812	48.37	ug/l	100
86) p-Isopropyltoluene	12.07	119	347545	49.40	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	187529	48.57	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	192804	48.33	ug/l	99
89) n-Butylbenzene	12.40	91	318325	47.98	ug/l	99
90) Hexachloroethane	12.60	117	58444	51.03	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	186653	49.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36952	51.48	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	139076	48.78	ug/l	99
94) Hexachlorobutadiene	13.79	225	59927	48.17	ug/l	99
95) Naphthalene	13.85	128	482287	49.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	138299	49.14	ug/l	100

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

