

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000289.D
 Acq On : 13 Mar 2018 09:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 3/14/2018 2:11:42 PM

Quant Time: Mar 13 14:26:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	183389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	298416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188101	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	111347	43.80	ug/l	0.00
Spiked Amount			Recovery	=	87.60%	
35) Dibromofluoromethane	5.51	113	88514	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
50) Toluene-d8	8.73	98	358443	46.17	ug/l	0.00
Spiked Amount			Recovery	=	92.34%	
62) 4-Bromofluorobenzene	11.15	95	144572	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86612	43.34	ug/l	98
3) Chloromethane	1.32	50	83825	42.97	ug/l	100
4) Vinyl Chloride	1.41	62	100568	44.23	ug/l	99
5) Bromomethane	1.64	94	101372	42.66	ug/l	99
6) Chloroethane	1.72	64	66159	46.65	ug/l	99
7) Trichlorofluoromethane	1.93	101	182886	48.49	ug/l	98
8) Diethyl Ether	2.20	74	63960	46.20	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	102054	48.44	ug/l	98
10) Methyl Iodide	2.52	142	106053	48.09	ug/l	99
11) Tert butyl alcohol	3.07	59	180286	193.00	ug/l	100
12) 1,1-Dichloroethene	2.38	96	89481	46.26	ug/l	97
13) Acrolein	2.30	56	107608	219.12	ug/l	97
14) Allyl chloride	2.73	41	157974	44.21	ug/l	99
15) Acrylonitrile	3.15	53	349794	215.18	ug/l	99
16) Acetone	2.45	43	438036	239.93	ug/l	97
17) Carbon Disulfide	2.57	76	225017	42.46	ug/l	100
18) Methyl Acetate	2.78	43	168409	43.32	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	334696	48.59	ug/l	99
20) Methylene Chloride	2.86	84	98985	45.46	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99510	46.78	ug/l	97
22) Diisopropyl ether	3.88	45	315340	51.39	ug/l	98
23) Vinyl Acetate	3.84	43	1485763	251.25	ug/l	98
24) 1,1-Dichloroethane	3.70	63	173799	46.21	ug/l	98
25) 2-Butanone	4.72	43	497455	220.79	ug/l	96
26) 2,2-Dichloropropane	4.59	77	136410	49.62	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	94876	47.04	ug/l	97
28) Bromochloromethane	5.03	49	76222	47.68	ug/l	95
29) Tetrahydrofuran	5.18	42	299118	211.38	ug/l	99
30) Chloroform	5.23	83	174317	47.93	ug/l	97
31) Cyclohexane	5.59	56	133879	48.13	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	157678	50.01	ug/l	99
36) 1,1-Dichloropropene	5.81	75	130054	48.98	ug/l	100
37) Ethyl Acetate	4.87	43	165695	43.18	ug/l	99
38) Carbon Tetrachloride	5.79	117	136694	50.87	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	159425	48.93	ug/l	97
40) Benzene	6.15	78	368910	48.17	ug/l	98
41) Methacrylonitrile	5.07	41	86428	44.19	ug/l	98
42) 1,2-Dichloroethane	6.21	62	143045	47.62	ug/l	99
43) Isopropyl Acetate	6.48	43	261323	47.10	ug/l	98
44) Trichloroethene	7.22	130	109705	50.05	ug/l	95
45) 1,2-Dichloropropane	7.52	63	94919	48.94	ug/l #	89
46) Dibromomethane	7.67	93	74432	48.50	ug/l	98
47) Bromodichloromethane	7.91	83	135359	50.15	ug/l	98
48) Methyl methacrylate	7.79	41	126208	46.18	ug/l	99
49) 1,4-Dioxane	7.77	88	55808	899.61	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	966481	230.80	ug/l	98
52) Toluene	8.79	92	264024	50.30	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	162298	51.02	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	161334	52.43	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	107165	50.41	ug/l	97
56) Ethyl methacrylate	9.19	69	168195	52.87	ug/l	98
57) 1,3-Dichloropropane	9.38	76	173552	48.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	381832	237.72	ug/l	98
59) 2-Hexanone	9.51	43	832124	233.05	ug/l	99
60) Dibromochloromethane	9.59	129	119351	53.25	ug/l	99
61) 1,2-Dibromoethane	9.68	107	122084	51.72	ug/l	98
64) Tetrachloroethene	9.34	164	111527	52.66	ug/l	99
65) Chlorobenzene	10.15	112	315348	51.59	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	111106	53.17	ug/l	100
67) Ethyl Benzene	10.26	91	533643	50.02	ug/l	99
68) m/p-Xylenes	10.37	106	425845	103.72	ug/l	99
69) o-Xylene	10.71	106	207790	52.65	ug/l	98
70) Styrene	10.72	104	353695	54.03	ug/l	98
71) Bromoform	10.87	173	97784	46.08	ug/l #	100
73) Isopropylbenzene	11.02	105	573126	48.67	ug/l	100
74) N-amyl acetate	6.48	43	261323	43.37	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	193943	46.98	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	171487m	45.48	ug/l	
77) Bromobenzene	11.26	156	151547	49.77	ug/l	96
78) n-propylbenzene	11.37	91	664377	47.93	ug/l	100
79) 2-Chlorotoluene	11.43	91	377750	48.31	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	489298	49.76	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	58563	47.56	ug/l	99
82) 4-Chlorotoluene	11.52	91	465438	48.96	ug/l	99
83) tert-Butylbenzene	11.78	119	483430	50.53	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	505488	49.99	ug/l	100
85) sec-Butylbenzene	11.96	105	604036	49.91	ug/l	99
86) p-Isopropyltoluene	12.07	119	550618	51.60	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	294758	50.92	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	301834	49.75	ug/l	99
89) n-Butylbenzene	12.40	91	510337	49.65	ug/l	99
90) Hexachloroethane	12.60	117	83827	48.75	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	292290	51.00	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52718	45.47	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	217223	52.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	83591	48.17	ug/l	98
95) Naphthalene	13.85	128	730947	50.24	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	213653	51.80	ug/l	98

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

