

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001048.D
 Acq On : 23 Apr 2018 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 4/24/2018 6:07:37 PM

Quant Time: Apr 24 07:11:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	334783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	227991	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	145459	44.79	ug/l	0.00
Spiked Amount						
			Recovery	=	89.58%	
35) Dibromofluoromethane	5.51	113	119819	46.94	ug/l	0.00
Spiked Amount						
			Recovery	=	93.88%	
50) Toluene-d8	8.72	98	437125	46.31	ug/l	0.00
Spiked Amount						
			Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.14	95	186539	47.09	ug/l	0.00
Spiked Amount						
			Recovery	=	94.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	170500	53.67	ug/l	99
3) Chloromethane	1.32	50	139960	47.31	ug/l	100
4) Vinyl Chloride	1.40	62	147619	48.14	ug/l	100
5) Bromomethane	1.64	94	91956	52.48	ug/l	100
6) Chloroethane	1.73	64	87499	48.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	231781	50.31	ug/l	99
8) Diethyl Ether	2.19	74	80138	47.10	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	135150	50.07	ug/l	99
10) Methyl Iodide	2.51	142	115696	44.43	ug/l	99
11) Tert butyl alcohol	3.06	59	109101	222.78	ug/l	99
12) 1,1-Dichloroethene	2.38	96	120679	48.35	ug/l	99
13) Acrolein	2.29	56	53343	345.27	ug/l	100
14) Allyl chloride	2.73	41	221111	48.95	ug/l	98
15) Acrylonitrile	3.15	53	289770	218.63	ug/l	99
16) Acetone	2.45	43	316954	259.20	ug/l	99
17) Carbon Disulfide	2.57	76	341308	47.98	ug/l	100
18) Methyl Acetate	2.78	43	181806	49.14	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	407337	48.55	ug/l	100
20) Methylene Chloride	2.86	84	128098	49.69	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	131582	47.36	ug/l	97
22) Diisopropyl ether	3.87	45	424150	48.51	ug/l	98
23) Vinyl Acetate	3.82	43	1698875	234.68	ug/l	100
24) 1,1-Dichloroethane	3.70	63	232445	47.39	ug/l	99
25) 2-Butanone	4.70	43	442005	231.56	ug/l	98
26) 2,2-Dichloropropane	4.59	77	222220	52.67	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149089	48.17	ug/l	99
28) Bromochloromethane	5.02	49	96535	51.18	ug/l	97
29) Tetrahydrofuran	5.17	42	264177	219.01	ug/l	99
30) Chloroform	5.22	83	249426	49.10	ug/l	99
31) Cyclohexane	5.58	56	223306	48.78	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	231841	50.91	ug/l	99
36) 1,1-Dichloropropene	5.81	75	194110	49.34	ug/l	100
37) Ethyl Acetate	4.86	43	167178	46.33	ug/l	99
38) Carbon Tetrachloride	5.79	117	212487	53.34	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235043	51.33	ug/l	98
40) Benzene	6.15	78	544392	49.77	ug/l	99
41) Methacrylonitrile	5.07	41	100679	44.68	ug/l	99
42) 1,2-Dichloroethane	6.20	62	207071	49.32	ug/l	99
43) Isopropyl Acetate	6.47	43	298996	48.29	ug/l	99
44) Trichloroethene	7.22	130	166197	49.74	ug/l	98
45) 1,2-Dichloropropane	7.52	63	139273	50.64	ug/l	100
46) Dibromomethane	7.67	93	94214	49.03	ug/l	99
47) Bromodichloromethane	7.90	83	192020	53.94	ug/l	99
48) Methyl methacrylate	7.78	41	157937	47.38	ug/l	99
49) 1,4-Dioxane	7.76	88	47717	973.35	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	884325	235.24	ug/l	99
52) Toluene	8.79	92	361447	50.63	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	233494	54.84	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	223634	55.71	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	141404	49.84	ug/l	98
56) Ethyl methacrylate	9.18	69	209312	50.22	ug/l	99
57) 1,3-Dichloropropane	9.38	76	231281	49.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	533527	262.31	ug/l	99
59) 2-Hexanone	9.50	43	693613	241.06	ug/l	99
60) Dibromochloromethane	9.59	129	166185	55.77	ug/l	100
61) 1,2-Dibromoethane	9.68	107	150097	50.12	ug/l	100
64) Tetrachloroethene	9.34	164	169291	49.87	ug/l	99
65) Chlorobenzene	10.14	112	424501	49.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	156586	53.59	ug/l	99
67) Ethyl Benzene	10.26	91	716732	50.70	ug/l	100
68) m/p-Xylenes	10.37	106	570020	102.31	ug/l	100
69) o-Xylene	10.71	106	272083	50.65	ug/l	99
70) Styrene	10.72	104	458668	51.85	ug/l	100
71) Bromoform	10.86	173	134934	49.63	ug/l	99
73) Isopropylbenzene	11.02	105	748446	50.21	ug/l	99
74) N-amyl acetate	6.47	43	298996	46.89	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	202316	47.95	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	194580m	49.19	ug/l	
77) Bromobenzene	11.26	156	211534	48.89	ug/l	99
78) n-propylbenzene	11.37	91	865689	50.59	ug/l	100
79) 2-Chlorotoluene	11.43	91	503553	49.80	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	641546	50.78	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	62431	48.53	ug/l	96
82) 4-Chlorotoluene	11.52	91	612072	50.10	ug/l	99
83) tert-Butylbenzene	11.77	119	656025	51.47	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	658493	50.64	ug/l	99
85) sec-Butylbenzene	11.95	105	772314	50.76	ug/l	99
86) p-Isopropyltoluene	12.07	119	718494	51.05	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	399034	49.27	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	409315	49.23	ug/l	99
89) n-Butylbenzene	12.39	91	638901	51.02	ug/l	100
90) Hexachloroethane	12.60	117	114629	57.48	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	387218	49.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44315	50.13	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	324480	49.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	139313	46.77	ug/l	100
95) Naphthalene	13.84	128	777160	48.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	310403	48.76	ug/l	100

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

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