

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032318\
 Data File : VX000422.D
 Acq On : 23 Mar 2018 11:07
 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
 3/26/2018 2:36:14 PM

Quant Time: Mar 24 06:03:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	142443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	229989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	228258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146621	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	93201	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	5.51	113	73983	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
50) Toluene-d8	8.72	98	301001	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.15	95	118261	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	78778	50.18	ug/l	96
3) Chloromethane	1.32	50	67562	40.85	ug/l	97
4) Vinyl Chloride	1.41	62	90091	51.55	ug/l	100
5) Bromomethane	1.64	94	103222	49.34	ug/l	98
6) Chloroethane	1.72	64	57103	54.52	ug/l	95
7) Trichlorofluoromethane	1.93	101	151012	47.88	ug/l	96
8) Diethyl Ether	2.19	74	52919	46.95	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87628	49.82	ug/l	98
10) Methyl Iodide	2.51	142	55633	33.47	ug/l	98
11) Tert butyl alcohol	3.07	59	161567	252.61	ug/l	99
12) 1,1-Dichloroethene	2.38	96	73450	47.57	ug/l	97
13) Acrolein	2.29	56	55115	268.73	ug/l	99
14) Allyl chloride	2.73	41	136029	49.88	ug/l	98
15) Acrylonitrile	3.15	53	318113	245.57	ug/l	99
16) Acetone	2.45	43	411856	266.27	ug/l	98
17) Carbon Disulfide	2.57	76	193838	47.20	ug/l	99
18) Methyl Acetate	2.78	43	166227	51.26	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	279188	48.89	ug/l	99
20) Methylene Chloride	2.86	84	82801	46.35	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	80801	46.91	ug/l	97
22) Diisopropyl ether	3.87	45	270072	55.96	ug/l	95
23) Vinyl Acetate	3.83	43	1300322	284.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	150815	49.70	ug/l	99
25) 2-Butanone	4.71	43	439812	252.97	ug/l	100
26) 2,2-Dichloropropane	4.59	77	107705	50.64	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	77028	47.85	ug/l	100
28) Bromochloromethane	5.03	49	63302	50.59	ug/l	99
29) Tetrahydrofuran	5.17	42	269656	252.09	ug/l	99
30) Chloroform	5.23	83	144760	50.90	ug/l	95
31) Cyclohexane	5.58	56	115879	49.40	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	128350	50.03	ug/l	98
36) 1,1-Dichloropropene	5.81	75	105277	48.87	ug/l	98
37) Ethyl Acetate	4.87	43	145204	49.34	ug/l	99
38) Carbon Tetrachloride	5.79	117	112919	49.96	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	135990	51.90	ug/l	95
40) Benzene	6.15	78	317784	50.79	ug/l	99
41) Methacrylonitrile	5.07	41	74891	48.27	ug/l	99
42) 1,2-Dichloroethane	6.21	62	126263	51.44	ug/l	99
43) Isopropyl Acetate	6.47	43	234068	53.44	ug/l	99
44) Trichloroethene	7.22	130	91806	51.22	ug/l	96
45) 1,2-Dichloropropane	7.53	63	84920	53.03	ug/l	96
46) Dibromomethane	7.67	93	64225	51.09	ug/l	97
47) Bromodichloromethane	7.91	83	120971	54.70	ug/l	99
48) Methyl methacrylate	7.79	41	114037	53.62	ug/l	99
49) 1,4-Dioxane	7.76	88	47145	1054.66	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	908358	267.90	ug/l	98
52) Toluene	8.79	92	222372	50.84	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	138571	54.07	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	135439	54.48	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	91910	51.10	ug/l	96
56) Ethyl methacrylate	9.19	69	143981	52.83	ug/l	99
57) 1,3-Dichloropropane	9.38	76	149823	52.08	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	349966	267.55	ug/l	98
59) 2-Hexanone	9.51	43	782820	271.91	ug/l	99
60) Dibromochloromethane	9.59	129	99443	46.99	ug/l	97
61) 1,2-Dibromoethane	9.68	107	100624	52.17	ug/l	99
64) Tetrachloroethene	9.34	164	90421	51.05	ug/l	96
65) Chlorobenzene	10.15	112	258540	50.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	91004	52.75	ug/l	99
67) Ethyl Benzene	10.26	91	450060	52.26	ug/l	99
68) m/p-Xylenes	10.37	106	365058	107.73	ug/l	97
69) o-Xylene	10.71	106	174965	53.33	ug/l	100
70) Styrene	10.72	104	297420	54.79	ug/l	98
71) Bromoform	10.87	173	81604	45.83	ug/l #	98
73) Isopropylbenzene	11.02	105	489037	50.34	ug/l	98
74) N-amyl acetate	6.47	43	234068	55.65	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	173134	50.39	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	155958m	49.49	ug/l	
77) Bromobenzene	11.26	156	120257	46.47	ug/l	99
78) n-propylbenzene	11.37	91	584676	50.47	ug/l	99
79) 2-Chlorotoluene	11.43	91	327239	48.90	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	435858	53.36	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	49687	51.05	ug/l	96
82) 4-Chlorotoluene	11.52	91	413884	51.80	ug/l	100
83) tert-Butylbenzene	11.78	119	415629	50.45	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	448743	52.40	ug/l	99
85) sec-Butylbenzene	11.96	105	539902	52.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	486150	53.70	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	244443	49.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	254645	49.57	ug/l	98
89) n-Butylbenzene	12.40	91	450940	53.50	ug/l	98
90) Hexachloroethane	12.60	117	76303	53.55	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	244280	50.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48601	50.72	ug/l	96

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93) 1,2,4-Trichlorobenzene	13.65	180	166494	48.41	ug/l	99
94) Hexachlorobutadiene	13.79	225	76288	53.57	ug/l	97
95) Naphthalene	13.84	128	601190	50.18	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	167198	49.20	ug/l	98

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

