

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\
 Data File : VX000841.D
 Acq On : 13 Apr 2018 10:50
 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

MMDadoda
 4/16/2018 12:59:54 PM

Quant Time: Apr 14 05:18:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	141170	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
35) Dibromofluoromethane	5.51	113	121212	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	8.72	98	445931	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
62) 4-Bromofluorobenzene	11.15	95	182357	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144122	49.31	ug/l	100
3) Chloromethane	1.32	50	122877	49.03	ug/l	100
4) Vinyl Chloride	1.40	62	137370	48.73	ug/l	97
5) Bromomethane	1.64	94	69916	60.21	ug/l	99
6) Chloroethane	1.73	64	83324	48.77	ug/l	99
7) Trichlorofluoromethane	1.93	101	208499	49.03	ug/l	98
8) Diethyl Ether	2.19	74	77469	48.76	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	126683	50.52	ug/l	100
10) Methyl Iodide	2.51	142	82188	43.41	ug/l	99
11) Tert butyl alcohol	3.07	59	122078	210.61	ug/l	100
12) 1,1-Dichloroethene	2.38	96	113684	47.84	ug/l	99
13) Acrolein	2.29	56	43386	154.13	ug/l	98
14) Allyl chloride	2.73	41	210112	47.81	ug/l	99
15) Acrylonitrile	3.15	53	303546	245.62	ug/l	99
16) Acetone	2.45	43	263337	233.90	ug/l	100
17) Carbon Disulfide	2.57	76	320699	44.56	ug/l	100
18) Methyl Acetate	2.78	43	149930	51.46	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	390450	49.33	ug/l	99
20) Methylene Chloride	2.86	84	124786	47.65	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	125245	47.79	ug/l	98
22) Diisopropyl ether	3.87	45	391401	48.47	ug/l	96
23) Vinyl Acetate	3.83	43	1698330	239.53	ug/l	99
24) 1,1-Dichloroethane	3.70	63	222235	49.04	ug/l	100
25) 2-Butanone	4.71	43	442903	238.22	ug/l	99
26) 2,2-Dichloropropane	4.59	77	213063	47.37	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	146892	49.39	ug/l	99
28) Bromochloromethane	5.03	49	90950	49.84	ug/l	98
29) Tetrahydrofuran	5.17	42	278068	235.55	ug/l	99
30) Chloroform	5.22	83	239098	49.83	ug/l	97
31) Cyclohexane	5.58	56	207586	48.24	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	221004	48.35	ug/l	100
36) 1,1-Dichloropropene	5.81	75	182606	48.49	ug/l	99
37) Ethyl Acetate	4.87	43	175319	47.69	ug/l	100
38) Carbon Tetrachloride	5.79	117	199688	47.38	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227583	50.33	ug/l	99
40) Benzene	6.15	78	524368	50.12	ug/l	100
41) Methacrylonitrile	5.07	41	105468	49.66	ug/l	98
42) 1,2-Dichloroethane	6.20	62	191816	49.09	ug/l	100
43) Isopropyl Acetate	6.47	43	305248	48.43	ug/l	100
44) Trichloroethene	7.22	130	161709	49.70	ug/l	95
45) 1,2-Dichloropropane	7.52	63	131920	49.51	ug/l	99
46) Dibromomethane	7.67	93	91681	49.36	ug/l	99
47) Bromodichloromethane	7.90	83	183789	49.02	ug/l	100
48) Methyl methacrylate	7.79	41	160889	49.25	ug/l	99
49) 1,4-Dioxane	7.76	88	54572	831.25	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	908598	245.43	ug/l	98
52) Toluene	8.79	92	347090	50.00	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	224100	49.83	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	215391	49.19	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	138963	50.43	ug/l	99
56) Ethyl methacrylate	9.19	69	211455	49.74	ug/l	98
57) 1,3-Dichloropropane	9.38	76	223562	51.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	354453	178.47	ug/l	100
59) 2-Hexanone	9.51	43	695833	243.46	ug/l	100
60) Dibromochloromethane	9.59	129	164215	49.80	ug/l	100
61) 1,2-Dibromoethane	9.68	107	148299	50.73	ug/l	99
64) Tetrachloroethene	9.34	164	162449	51.10	ug/l	99
65) Chlorobenzene	10.15	112	409574	50.08	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	151980	49.37	ug/l	99
67) Ethyl Benzene	10.26	91	674768	49.48	ug/l	100
68) m/p-Xylenes	10.37	106	540757	100.47	ug/l	99
69) o-Xylene	10.71	106	263975	50.89	ug/l	98
70) Styrene	10.72	104	438904	50.18	ug/l	100
71) Bromoform	10.87	173	135689	47.60	ug/l	100
73) Isopropylbenzene	11.02	105	708793	50.02	ug/l	100
74) N-amyl acetate	6.47	43	305248	47.84	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	200157	48.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	189756m	49.26	ug/l	
77) Bromobenzene	11.26	156	205498	49.48	ug/l	99
78) n-propylbenzene	11.37	91	809797	49.96	ug/l	100
79) 2-Chlorotoluene	11.43	91	472856	49.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	601295	49.34	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	63787	45.55	ug/l	98
82) 4-Chlorotoluene	11.52	91	564389	48.81	ug/l	99
83) tert-Butylbenzene	11.77	119	622527	49.93	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	623931	49.59	ug/l	100
85) sec-Butylbenzene	11.95	105	742253	50.47	ug/l	100
86) p-Isopropyltoluene	12.07	119	689918	50.30	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	381959	49.69	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	388439	49.31	ug/l	99
89) n-Butylbenzene	12.40	91	614784	50.78	ug/l	100
90) Hexachloroethane	12.60	117	109502	47.18	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	367702	49.55	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45116	43.79	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	320895	50.68	ug/l	100
94) Hexachlorobutadiene	13.79	225	163642	52.56	ug/l	100
95) Naphthalene	13.84	128	807216	49.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	307771	50.04	ug/l	100

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

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