

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002344.D
 Acq On : 09 May 2018 22:25
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: May 10 07:19:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	325607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	305635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	167216	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112387	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	7.88	113	102882	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.33	98	389226	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.63	95	142282	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	46638	57.62	ug/l	98
3) Chloromethane	2.21	50	80590	49.03	ug/l	96
4) Vinyl Chloride	2.36	62	132388	48.84	ug/l	98
5) Bromomethane	2.77	94	109235	50.10	ug/l	95
6) Chloroethane	2.92	64	91718	50.14	ug/l	95
7) Trichlorofluoromethane	3.24	101	49988	45.15	ug/l	91
8) Diethyl Ether	3.67	74	79911	64.48	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.05	101	97482	49.86	ug/l	98
10) Methyl Iodide	4.26	142	159885	50.40	ug/l	100
11) Tert butyl alcohol	5.19	59	39911	241.44	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	96839	49.96	ug/l	98
13) Acrolein	3.88	56	30400	219.65	ug/l	98
14) Allyl chloride	4.65	41	137731	48.35	ug/l	100
15) Acrylonitrile	5.37	53	130048	267.54	ug/l	99
16) Acetone	4.12	43	113391	255.29	ug/l	93
17) Carbon Disulfide	4.37	76	274154	48.64	ug/l	98
18) Methyl Acetate	4.67	43	72345	54.29	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	184608	54.47	ug/l	98
20) Methylene Chloride	4.91	84	106270	49.63	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	106181	50.74	ug/l	97
22) Diisopropyl ether	6.31	45	319105	51.10	ug/l	99
23) Vinyl Acetate	6.25	43	1018843	272.47	ug/l	99
24) 1,1-Dichloroethane	6.21	63	192528	50.85	ug/l	98
25) 2-Butanone	7.18	43	180449	273.61	ug/l	99
26) 2,2-Dichloropropane	7.17	77	96921	51.36	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	121608	51.56	ug/l	100
28) Bromochloromethane	7.51	49	82601	48.23	ug/l	98
29) Tetrahydrofuran	7.53	42	116121	268.46	ug/l	99
30) Chloroform	7.67	83	204846	51.67	ug/l	100
31) Cyclohexane	7.95	56	160044	47.36	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	152848	51.31	ug/l	98
36) 1,1-Dichloropropene	8.08	75	154160	52.35	ug/l	100
37) Ethyl Acetate	7.26	43	78685	54.83	ug/l	99
38) Carbon Tetrachloride	8.07	117	150425	52.82	ug/l	99

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002344.D
 Acq On : 09 May 2018 22:25
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: May 10 07:19:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	179039	52.10	ug/l	98
40) Benzene	8.32	78	447874	52.03	ug/l	99
41) Methacrylonitrile	7.49	41	42958	52.24	ug/l	89
42) 1,2-Dichloroethane	8.40	62	142556	53.10	ug/l	100
43) Isopropyl Acetate	8.43	43	150580	55.31	ug/l	100
44) Trichloroethene	9.09	130	120519	51.36	ug/l	96
45) 1,2-Dichloropropane	9.37	63	113932	52.83	ug/l	96
46) Dibromomethane	9.46	93	66170	54.89	ug/l	100
47) Bromodichloromethane	9.65	83	154332	54.25	ug/l	97
48) Methyl methacrylate	9.44	41	78766	59.58	ug/l	96
49) 1,4-Dioxane	9.45	88	21807	1138.70	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	418823	278.86	ug/l	100
52) Toluene	10.39	92	287341	52.56	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	154219	55.13	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	172467	53.93	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	92100	54.26	ug/l	99
56) Ethyl methacrylate	10.65	69	117391	55.94	ug/l	99
57) 1,3-Dichloropropane	10.94	76	156654	54.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	285614	280.43	ug/l	99
59) 2-Hexanone	10.98	43	293359	285.56	ug/l	99
60) Dibromochloromethane	11.13	129	112324	56.07	ug/l	98
61) 1,2-Dibromoethane	11.24	107	89727	54.08	ug/l	98
64) Tetrachloroethene	10.87	164	116158	49.38	ug/l	97
65) Chlorobenzene	11.66	112	325186	52.07	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	116131	52.17	ug/l	98
67) Ethyl Benzene	11.74	91	558564	52.04	ug/l	99
68) m/p-Xylenes	11.85	106	436568	105.41	ug/l	99
69) o-Xylene	12.18	106	207696	52.73	ug/l	100
70) Styrene	12.19	104	354120	54.15	ug/l	100
71) Bromoform	12.36	173	71388	55.93	ug/l #	99
73) Isopropylbenzene	12.48	105	561313	51.68	ug/l	99
74) N-amyl acetate	12.28	43	149236	54.90	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	114602	54.59	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69693m	47.00	ug/l	
77) Bromobenzene	12.76	156	145312	53.08	ug/l	99
78) n-propylbenzene	12.82	91	676306	52.53	ug/l	99
79) 2-Chlorotoluene	12.90	91	384126	51.81	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	482513	52.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	32154	57.12	ug/l	97
82) 4-Chlorotoluene	13.00	91	411266	52.16	ug/l	100
83) tert-Butylbenzene	13.22	119	422811	53.75	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	500799	52.87	ug/l	100
85) sec-Butylbenzene	13.40	105	597740	53.22	ug/l	100
86) p-Isopropyltoluene	13.51	119	539164	53.69	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	283860	52.38	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	286454	52.94	ug/l	99
89) n-Butylbenzene	13.83	91	503223	53.55	ug/l	100
90) Hexachloroethane	14.10	117	95344	53.10	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	258639	52.60	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19476	53.66	ug/l	92

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
Data File : VW002344.D
Acq On : 09 May 2018 22:25
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: May 10 07:19:24 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	184561	52.51	ug/l	98
94) Hexachlorobutadiene	15.26	225	103472	52.84	ug/l	99
95) Naphthalene	15.38	128	364129	56.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	171206	54.31	ug/l	98

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

