

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
 Data File : VF045416.D
 Acq On : 17 Sep 2015 19:48
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:29:05 PM

Quant Time: Sep 18 04:29:58 2015
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F091615S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 16:04:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.82	168	987653	50.00	ug/l	0.02
33) 1,4-Difluorobenzene	5.55	114	1541064	50.00	ug/l	0.02
62) Chlorobenzene-d5	9.71	117	1390762	50.00	ug/l	0.02
71) 1,4-Dichlorobenzene-d4	12.50	152	754117	50.00	ug/l	0.02

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	4.79	65	564414	53.22	ug/l	0.02
Spiked Amount	50.000		Recovery	=	106.44%	
34) Dibromofluoromethane	4.05	113	584176	48.94	ug/l	0.02
Spiked Amount	50.000		Recovery	=	97.88%	
49) Toluene-d8	7.51	98	1795654	51.06	ug/l	0.02
Spiked Amount	50.000		Recovery	=	102.12%	
61) 4-Bromofluorobenzene	11.36	95	797426	47.17	ug/l	0.02
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.94	85	417902	49.68	ug/l	92
3) Chloromethane	1.03	50	367204	50.99	ug/l	97
4) Vinyl Chloride	1.10	62	313218	50.74	ug/l	90
5) Bromomethane	1.26	94	180157	47.01	ug/l	87
6) Chloroethane	1.34	64	128817	52.37	ug/l	98
7) Trichlorofluoromethane	1.39	101	648849m	51.23	ug/l	
8) Diethyl Ether	1.60	74	132319	49.98	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	1.78	101	368413	50.55	ug/l	90
10) Methyl Iodide	1.81	142	726914	48.77	ug/l	92
11) Tert butyl alcohol	2.50	59	30539	256.24	ug/l #	91
12) 1,1-Dichloroethene	1.72	96	290311	47.95	ug/l	91
13) Acrolein	1.96	56	120642	244.29	ug/l	96
14) Allyl chloride	2.06	41	462021	49.18	ug/l	95
15) Acrylonitrile	2.89	53	308816	271.13	ug/l	94
16) Acetone	2.19	43	527635	219.13	ug/l	97
17) Carbon Disulfide	1.74	76	1013298	49.11	ug/l	100
18) Methyl Acetate	2.30	43	486835	52.71	ug/l	99
19) Methyl tert-butyl Ether	2.39	73	258134	54.18	ug/l	94
20) Methylene Chloride	2.14	84	326569	49.92	ug/l	88
21) trans-1,2-Dichloroethene	2.27	96	342941	50.52	ug/l	94
22) Diisopropyl ether	2.75	45	978195	48.85	ug/l	94
23) Vinyl Acetate	3.13	43	1440469	246.44	ug/l	97
24) 1,1-Dichloroethane	2.82	63	680416	50.20	ug/l	100
25) 2-Butanone	4.27	43	813688	241.58	ug/l	98
26) 2,2-Dichloropropane	3.55	77	597034	47.30	ug/l	99
27) cis-1,2-Dichloroethene	3.42	96	570846	54.45	ug/l	96
28) Bromochloromethane	3.66	49	239173	44.93	ug/l #	93
29) Chloroform	3.79	83	977354	51.30	ug/l	97
30) Cyclohexane	3.65	56	633923	51.83	ug/l	93
31) 1,1,1-Trichloroethane	4.04	97	767190	48.61	ug/l #	89
35) 1,1-Dichloropropene	4.23	75	722282	49.40	ug/l	90
36) Ethyl Acetate	4.05	43	332319	44.92	ug/l #	38
37) Carbon Tetrachloride	3.94	117	699411	45.41	ug/l	98
38) Methylcyclohexane	5.41	83	724422	46.10	ug/l	93

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
 Data File : VF045416.D
 Acq On : 17 Sep 2015 19:48
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:29:05 PM

Quant Time: Sep 18 04:29:58 2015
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F091615S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 16:04:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.58	78	1612422	47.17	ug/l	99
40) Methacrylonitrile	4.68	41	163665	46.74	ug/l	94
41) 1,2-Dichloroethane	4.89	62	629850	45.68	ug/l	95
42) Isopropyl Acetate	6.92	43	470346	48.26	ug/l #	97
43) Trichloroethene	5.45	130	575740	49.32	ug/l	97
44) 1,2-Dichloropropane	6.19	63	467012	46.90	ug/l	96
45) Dibromomethane	6.03	93	337397	47.61	ug/l	99
46) Bromodichloromethane	6.33	83	749692	47.25	ug/l	98
47) Methyl methacrylate	6.67	41	287237	48.55	ug/l	89
48) 1,4-Dioxane	6.66	88	68285	963.61	ug/l	90
50) 4-Methyl-2-Pentanone	8.21	43	1651070	238.23	ug/l	99
51) Toluene	7.58	92	1245204	47.28	ug/l	100
52) t-1,3-Dichloropropene	8.23	75	675823	47.38	ug/l	100
53) cis-1,3-Dichloropropene	7.25	75	797824	47.37	ug/l	98
54) 1,1,2-Trichloroethane	8.43	97	418211	46.95	ug/l	94
55) Ethyl methacrylate	8.57	69	553591	47.77	ug/l	92
56) 1,3-Dichloropropane	8.80	76	678767	46.71	ug/l	99
58) 2-Hexanone	9.44	43	1234057	223.71	ug/l	96
59) Dibromochloromethane	8.66	129	596875	47.28	ug/l	99
60) 1,2-Dibromoethane	8.93	107	506017	50.06	ug/l	95
63) Tetrachloroethene	8.11	164	558767	50.57	ug/l	97
64) Chlorobenzene	9.73	112	1502294	51.49	ug/l	100
65) 1,1,1,2-Tetrachloroethane	9.87	131	504189	47.27	ug/l	97
66) Ethyl Benzene	9.84	91	2454175	48.54	ug/l	99
67) m/p-Xylenes	10.08	106	1774573	97.93	ug/l	98
68) o-Xylene	10.66	106	919772	48.90	ug/l	93
69) Styrene	10.74	104	1489254	49.60	ug/l	97
70) Bromoform	10.72	173	396352	50.08	ug/l	99
72) Isopropylbenzene	11.07	105	2564629	50.76	ug/l	100
73) N-amyl acetate	11.33	43	689945	49.27	ug/l	92
74) 1,1,2,2-Tetrachloroethane	11.64	83	591700	51.67	ug/l	97
75) 1,2,3-Trichloropropane	11.74	75	416412	52.88	ug/l	95
76) Bromobenzene	11.45	156	747593	52.17	ug/l	87
77) n-propylbenzene	11.55	91	3268197	52.11	ug/l	97
78) 2-Chlorotoluene	11.67	91	1781899	50.79	ug/l	94
79) 1,3,5-Trimethylbenzene	11.78	105	2116002	51.39	ug/l	98
80) trans-1,4-Dichloro-2-buten	11.82	75	252177m	59.79	ug/l	
81) 4-Chlorotoluene	11.85	91	1989882	51.31	ug/l	94
82) tert-Butylbenzene	12.09	119	2048163	50.30	ug/l	99
83) 1,2,4-Trimethylbenzene	12.16	105	2057637	48.74	ug/l	98
84) sec-Butylbenzene	12.26	105	2792661	49.33	ug/l	93
85) p-Isopropyltoluene	12.41	119	2156035	48.92	ug/l	98
86) 1,3-Dichlorobenzene	12.42	146	1234572	50.68	ug/l	98
87) 1,4-Dichlorobenzene	12.51	146	1226553	50.43	ug/l	99
88) n-Butylbenzene	12.80	91	2214689	49.99	ug/l	98
89) Hexachloroethane	12.87	117	500348	47.96	ug/l	90
90) 1,2-Dichlorobenzene	12.89	146	1135374	50.67	ug/l	96
91) 1,2-Dibromo-3-Chloropropan	13.59	75	81709	53.75	ug/l	83
92) 1,2,4-Trichlorobenzene	14.14	180	685249	52.85	ug/l	97
93) Hexachlorobutadiene	14.13	225	515676	52.36	ug/l	96

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
Data File : VF045416.D
Acq On : 17 Sep 2015 19:48
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/18/2015 12:29:05 PM

Quant Time: Sep 18 04:29:58 2015
Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F091615S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 16:04:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Naphthalene	14.39	128	1272526	51.91	ug/l	99
95) 1,2,3-Trichlorobenzene	14.53	180	543367	51.01	ug/l	98

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

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
Data File : VF045416.D
Acq On : 17 Sep 2015 19:48
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
Client Sample Id :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/18/2015 12:29:05 PM

Quant Time: Sep 18 04:29:58 2015
Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F091615S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 16:04:03 2015
Response via : Initial Calibration

