

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092315\
 Data File : VD046848.D
 Acq On : 23 Sep 2015 10:49
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00qm/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2015 12:56:40 PM

Quant Time: Sep 24 01:53:58 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	189230	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	221906	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.57	117	223506	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	129594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.70	65	113624	57.75	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	115.50%	
35) Dibromofluoromethane	6.19	113	102808	59.21	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	118.42%	
50) Toluene-d8	9.60	98	333985	60.98	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	121.96%	
62) 4-Bromofluorobenzene	12.84	95	140952	63.91	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	127.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.41	85	86894	50.53	ug/l	100
3) Chlorodifluoromethane	1.43	51	69289	48.13	ug/l #	86
4) Chloromethane	1.57	50	45142	40.47	ug/l	97
5) Vinyl Chloride	1.67	62	47191	45.04	ug/l	99
6) Bromomethane	1.96	94	47489	52.56	ug/l	94
7) Chloroethane	2.07	64	33870	51.65	ug/l	96
8) Trichlorofluoromethane	2.32	101	172920	55.80	ug/l	100
9) Diethyl Ether	2.62	74	26448	48.14	ug/l	87
10) 1,1,2-Trichlorotrifluoroet	2.88	101	94864	48.92	ug/l	97
11) Methyl Iodide	3.04	142	102564	45.45	ug/l #	88
12) Tert butyl alcohol	3.67	59	12902	198.85	ug/l	95
13) 1,1-Dichloroethene	2.86	96	71497	47.16	ug/l	96
14) Acrolein	2.76	56	21759	216.48	ug/l	87
15) Allyl chloride	3.31	41	134166	43.59	ug/l #	75
16) Acrylonitrile	3.82	53	50659	220.52	ug/l	91
17) Acetone	2.93	43	85645	257.63	ug/l	99
18) Carbon Disulfide	3.12	76	240181	42.29	ug/l	100
19) Methyl Acetate	3.32	43	88089	45.74	ug/l	97
20) Methyl tert-butyl Ether	3.88	73	129556	54.55	ug/l #	88
21) Methylene Chloride	3.49	84	80106	44.38	ug/l	88
22) trans-1,2-Dichloroethene	3.88	96	80242	46.94	ug/l	96
23) Diisopropyl ether	4.64	45	250416	49.01	ug/l	90
24) Vinyl Acetate	4.59	43	280998m	235.52	ug/l	
25) 1,1-Dichloroethane	4.54	63	148642	47.22	ug/l	99
26) 2-Butanone	5.43	43	93495	250.24	ug/l	99
27) 2,2-Dichloropropane	5.40	77	174334	53.90	ug/l	97
28) cis-1,2-Dichloroethene	5.41	96	87584	49.21	ug/l	95
29) Bromochloromethane	5.77	49	57572	46.42	ug/l	87
30) Chloroform	5.96	83	201698	52.82	ug/l	97
31) Cyclohexane	6.25	56	128399	43.47	ug/l	87
32) 1,1,1-Trichloroethane	6.16	97	184797	54.36	ug/l	99
36) 1,1-Dichloropropene	6.41	75	144229	55.62	ug/l	98
37) Ethyl Acetate	5.52	43	41105	49.35	ug/l #	96
38) Carbon Tetrachloride	6.39	117	158109	58.67	ug/l	99

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092315\
 Data File : VD046848.D
 Acq On : 23 Sep 2015 10:49
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00qm/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2015 12:56:40 PM

Quant Time: Sep 24 01:53:58 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.07	83	149629	56.94	ug/l	94
40) Benzene	6.71	78	344442	52.03	ug/l	99
41) Methacrylonitrile	5.74	41	25213	53.96	ug/l #	93
42) 1,2-Dichloroethane	6.81	62	128337	62.41	ug/l	94
43) Isopropyl Acetate	8.39	43	57586	52.44	ug/l #	99
44) Trichloroethene	7.73	130	90076	54.35	ug/l	100
45) 1,2-Dichloropropane	8.13	63	85445	52.09	ug/l	99
46) Dibromomethane	8.25	93	54372	58.38	ug/l	97
47) Bromodichloromethane	8.55	83	145241	59.42	ug/l #	99
48) Methyl methacrylate	8.07	41	92564	55.13	ug/l #	88
49) 1,4-Dioxane	8.27	88	6345	1021.68	ug/l #	86
51) 4-Methyl-2-Pentanone	9.47	43	232034	292.44	ug/l	98
52) Toluene	9.70	92	234930	57.53	ug/l	99
53) t-1,3-Dichloropropene	10.11	75	109877	60.88	ug/l	96
54) cis-1,3-Dichloropropene	9.22	75	135139	58.15	ug/l	95
55) 1,1,2-Trichloroethane	10.38	97	61563	58.23	ug/l	97
56) Ethyl methacrylate	10.22	69	58201	52.83	ug/l	95
57) 1,3-Dichloropropane	10.59	76	112038	56.98	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.01	63	135423	259.51	ug/l	97
59) 2-Hexanone	10.70	43	176732	308.30	ug/l	95
60) Dibromochloromethane	10.88	129	89228	61.49	ug/l	100
61) 1,2-Dibromoethane	11.00	107	59228	56.74	ug/l	96
64) Tetrachloroethene	10.45	164	92237	51.10	ug/l	94
65) Chlorobenzene	11.59	112	241724	51.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.71	131	95558	55.31	ug/l	99
67) Ethyl Benzene	11.72	91	522278	55.26	ug/l	99
68) m/p-Xylenes	11.87	106	329319	110.47	ug/l	91
69) o-Xylene	12.28	106	150432	56.06	ug/l	87
70) Styrene	12.30	104	264126	56.77	ug/l	98
71) Bromoform	12.49	173	53183	57.80	ug/l	96
73) Isopropylbenzene	12.66	105	470872	51.54	ug/l	100
74) N-amyl acetate	12.49	43	99079	43.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.97	83	74492	50.53	ug/l	97
76) 1,2,3-Trichloropropane	13.02	75	80835	51.25	ug/l	98
77) Bromobenzene	12.97	156	113421	49.37	ug/l	88
78) n-propylbenzene	13.07	91	678419	52.59	ug/l	99
79) 2-Chlorotoluene	13.15	91	370070	51.67	ug/l	98
80) 1,3,5-Trimethylbenzene	13.24	105	383182	52.64	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.73	75	20997	48.49	ug/l	96
82) 4-Chlorotoluene	13.27	91	440653	51.69	ug/l	99
83) tert-Butylbenzene	13.53	119	360078m	54.86	ug/l	
84) 1,2,4-Trimethylbenzene	13.59	105	387747	52.91	ug/l	99
85) sec-Butylbenzene	13.72	105	510780	52.94	ug/l	94
86) p-Isopropyltoluene	13.86	119	405585	53.49	ug/l	97
87) 1,3-Dichlorobenzene	13.83	146	220982	51.56	ug/l	97
88) 1,4-Dichlorobenzene	13.93	146	219550	51.51	ug/l	99
89) n-Butylbenzene	14.21	91	475159	55.50	ug/l	100
90) Hexachloroethane	14.47	117	87484	49.77	ug/l	91
91) 1,2-Dichlorobenzene	14.24	146	189239	52.56	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.89	75	10179	53.72	ug/l	87

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092315\
Data File : VD046848.D
Acq On : 23 Sep 2015 10:49
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00gm/5mL/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/24/2015 12:56:40 PM

Quant Time: Sep 24 01:53:58 2015
Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:47:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.57	180	117704	56.77	ug/l	99
94) Hexachlorobutadiene	15.68	225	92027	53.92	ug/l	99
95) Naphthalene	15.81	128	150578	54.64	ug/l	99
96) 1,2,3-Trichlorobenzene	16.01	180	98610	56.92	ug/l	96

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

