

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050421\
 Data File : VD069057.D
 Acq On : 04 May 2021 10:09
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 5/5/2021 5:31:59 PM

Quant Time: May 05 03:44:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 03:42:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	204617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	360057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	348116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	167891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	27264	10.34	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.68%#		
35) Dibromofluoromethane	7.909	113	23877	9.67	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.34%#		
50) Toluene-d8	10.338	98	86525	9.49	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	18.98%#		
62) 4-Bromofluorobenzene	12.626	95	28631	9.55	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.10%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	26669	10.72	ug/l	95
3) Chloromethane	2.209	50	34008	11.10	ug/l	92
4) Vinyl Chloride	2.344	62	42203	10.42	ug/l	98
5) Bromomethane	2.756	94	24569	10.20	ug/l	98
6) Chloroethane	2.915	64	26436	11.23	ug/l	100
7) Trichlorofluoromethane	3.268	101	45342	10.20	ug/l	97
8) Diethyl Ether	3.715	74	10282	9.52	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	24105	10.12	ug/l	96
10) Methyl Iodide	4.303	142	13970	7.46	ug/l	98
11) Tert butyl alcohol	5.203	59	16356m	66.46	ug/l	
12) 1,1-Dichloroethene	4.062	96	21886	10.21	ug/l	89
13) Acrolein	3.921	56	8931	56.52	ug/l	98
14) Allyl chloride	4.715	41	26023	9.42	ug/l	100
15) Acrylonitrile	5.420	53	23298	49.61	ug/l	96
16) Acetone	4.162	43	22481	53.38	ug/l #	88
17) Carbon Disulfide	4.403	76	73315	10.11	ug/l #	93
18) Methyl Acetate	4.721	43	9728	9.47	ug/l	99
19) Methyl tert-butyl Ether	5.468	73	45916	9.37	ug/l #	90
20) Methylene Chloride	4.962	84	37011	11.39	ug/l	95
21) trans-1,2-Dichloroethene	5.468	96	25821	10.13	ug/l	94
22) Diisopropyl ether	6.356	45	58891	9.55	ug/l	92
23) Vinyl Acetate	6.309	43	154282	44.72	ug/l	98
24) 1,1-Dichloroethane	6.262	63	43723	10.04	ug/l	96
25) 2-Butanone	7.215	43	28028	49.72	ug/l	96
26) 2,2-Dichloropropane	7.215	77	42050	10.33	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	26511	9.64	ug/l	96
28) Bromochloromethane	7.550	49	18085	10.28	ug/l	98
29) Tetrahydrofuran	7.562	42	17016	49.07	ug/l	95
30) Chloroform	7.715	83	48420	9.94	ug/l	91
31) Cyclohexane	7.985	56	38001	9.94	ug/l #	91
32) 1,1,1-Trichloroethane	7.903	97	43966	9.88	ug/l	97
36) 1,1-Dichloropropene	8.114	75	35993	9.50	ug/l	99
37) Ethyl Acetate	7.297	43	13515	9.46	ug/l #	96
38) Carbon Tetrachloride	8.097	117	39410	9.59	ug/l	98
39) Methylcyclohexane	9.356	83	37607	9.08	ug/l	96
40) Benzene	8.350	78	103427	9.87	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050421\
 Data File : VD069057.D
 Acq On : 04 May 2021 10:09
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 5/5/2021 5:31:59 PM

Quant Time: May 05 03:44:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 03:42:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	8059m	9.51	ug/l	
42) 1,2-Dichloroethane	8.420	62	33134	10.11	ug/l	99
43) Isopropyl Acetate	8.456	43	25366	9.47	ug/l #	59
44) Trichloroethene	9.114	130	27506	9.87	ug/l	97
45) 1,2-Dichloropropane	9.391	63	24924	9.66	ug/l	97
46) Dibromomethane	9.473	93	14845	10.01	ug/l	100
47) Bromodichloromethane	9.661	83	37739	9.68	ug/l	98
48) Methyl methacrylate	9.456	41	12663	9.59	ug/l	94
49) 1,4-Dioxane	9.456	88	3565	207.85	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	63587	46.39	ug/l	99
52) Toluene	10.403	92	62152	9.34	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	31580	9.32	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	38492	9.60	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	20034	10.17	ug/l	97
56) Ethyl methacrylate	10.661	69	19178	9.03	ug/l	97
57) 1,3-Dichloropropane	10.944	76	31395	9.45	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	54313	47.61	ug/l	98
59) 2-Hexanone	10.985	43	41976	45.37	ug/l	95
60) Dibromochloromethane	11.138	129	24955	9.52	ug/l	97
61) 1,2-Dibromoethane	11.244	107	18368	9.61	ug/l	99
64) Tetrachloroethene	10.879	164	21758	9.70	ug/l	92
65) Chlorobenzene	11.667	112	68952	9.71	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.738	131	26821	9.98	ug/l	97
67) Ethyl Benzene	11.738	91	110946	8.81	ug/l	96
68) m/p-Xylenes	11.850	106	83475	17.62	ug/l	96
69) o-Xylene	12.179	106	37563	8.85	ug/l	100
70) Styrene	12.191	104	66371	8.85	ug/l	99
71) Bromoform	12.355	173	13095	9.50	ug/l #	91
73) Isopropylbenzene	12.473	105	101967	8.77	ug/l	98
74) N-amyl acetate	12.285	43	21845	8.95	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	23552	10.34	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	13774m	9.77	ug/l	
77) Bromobenzene	12.755	156	24908	9.26	ug/l	95
78) n-propylbenzene	12.814	91	127511	8.93	ug/l	100
79) 2-Chlorotoluene	12.902	91	74571	9.37	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	89536	9.05	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	6648	9.90	ug/l	95
82) 4-Chlorotoluene	13.002	91	79503	9.33	ug/l	100
83) tert-Butylbenzene	13.220	119	71227	8.84	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	87125	8.81	ug/l	99
85) sec-Butylbenzene	13.397	105	106412	9.12	ug/l	100
86) p-Isopropyltoluene	13.508	119	93621	8.69	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	53072	9.83	ug/l	96
88) 1,4-Dichlorobenzene	13.591	146	52681	9.90	ug/l	96
89) n-Butylbenzene	13.838	91	87097	8.52	ug/l	98
90) Hexachloroethane	14.102	117	20428	9.23	ug/l	94
91) 1,2-Dichlorobenzene	13.885	146	45626	9.72	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	3921	10.46	ug/l	96
93) 1,2,4-Trichlorobenzene	15.155	180	26300	9.44	ug/l	94
94) Hexachlorobutadiene	15.261	225	15392	9.54	ug/l	97
95) Naphthalene	15.391	128	42138	8.20	ug/l	97
96) 1,2,3-Trichlorobenzene	15.585	180	21940	9.12	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050421\
Data File : VD069057.D
Acq On : 04 May 2021 10:09
Operator : VA/SY
Sample : VSTDIC010
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/5/2021 5:31:59 PM

Quant Time: May 05 03:44:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 03:42:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

