

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069452.D
 Acq On : 15 Jun 2021 20:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 12:56:14 PM

Quant Time: Jun 16 02:03:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	438197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	738778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	720887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	342839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	247334	50.032	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.060%			
35) Dibromofluoromethane	7.914	113	265978	48.067	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.140%			
50) Toluene-d8	10.338	98	1000316	49.426	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.860%			
62) 4-Bromofluorobenzene	12.626	95	329195	50.694	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	209634	48.019	ug/l	99
3) Chloromethane	2.209	50	196961	45.101	ug/l	98
4) Vinyl Chloride	2.350	62	236793	44.830	ug/l	100
5) Bromomethane	2.767	94	192958	48.106	ug/l	93
6) Chloroethane	2.920	64	171603	47.222	ug/l	99
7) Trichlorofluoromethane	3.273	101	411053	47.579	ug/l	90
8) Diethyl Ether	3.703	74	122021	56.258	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	247658	48.205	ug/l	98
10) Methyl Iodide	4.303	142	277420	52.167	ug/l	100
11) Tert butyl alcohol	5.220	59	62623	243.659	ug/l	100
12) 1,1-Dichloroethene	4.067	96	233529	50.250	ug/l	98
13) Acrolein	3.920	56	77003	240.332	ug/l	95
14) Allyl chloride	4.720	41	304008	55.619	ug/l	97
15) Acrylonitrile	5.420	53	232900	279.474	ug/l	100
16) Acetone	4.156	43	177007	216.318	ug/l	94
17) Carbon Disulfide	4.409	76	762937	50.751	ug/l	99
18) Methyl Acetate	4.720	43	112604	56.919	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	504453	59.535	ug/l	97
20) Methylene Chloride	4.967	84	381361	65.899	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	291542	53.580	ug/l	98
22) Diisopropyl ether	6.361	45	641794	59.055	ug/l	97
23) Vinyl Acetate	6.308	43	1849329	263.594	ug/l	99
24) 1,1-Dichloroethane	6.267	63	476629	52.682	ug/l	98
25) 2-Butanone	7.214	43	277075	271.551	ug/l	94
26) 2,2-Dichloropropane	7.208	77	397412	49.855	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	327844	55.663	ug/l	97
28) Bromochloromethane	7.544	49	177593	53.583	ug/l	95
29) Tetrahydrofuran	7.567	42	167826	292.276	ug/l	98
30) Chloroform	7.708	83	528602	52.438	ug/l	99
31) Cyclohexane	7.985	56	330745	49.235	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	449159	50.720	ug/l	99
36) 1,1-Dichloropropene	8.114	75	379533	49.336	ug/l	99
37) Ethyl Acetate	7.291	43	135358	52.593	ug/l	98
38) Carbon Tetrachloride	8.097	117	402061	48.248	ug/l	97
39) Methylcyclohexane	9.355	83	392022	50.663	ug/l	98
40) Benzene	8.350	78	1138033	50.828	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069452.D
 Acq On : 15 Jun 2021 20:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 12:56:14 PM

Quant Time: Jun 16 02:03:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	76662	59.873	ug/l #	80
42) 1,2-Dichloroethane	8.426	62	308356	50.191	ug/l	99
43) Isopropyl Acetate	8.450	43	255282	52.457	ug/l	99
44) Trichloroethene	9.108	130	313465	50.201	ug/l	94
45) 1,2-Dichloropropane	9.385	63	278312	50.920	ug/l	99
46) Dibromomethane	9.473	93	161666	51.622	ug/l	94
47) Bromodichloromethane	9.661	83	406798	50.382	ug/l	94
48) Methyl methacrylate	9.455	41	119340	53.923	ug/l	90
49) 1,4-Dioxane	9.461	88	31245	1024.509	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	676081	272.292	ug/l	98
52) Toluene	10.402	92	754686	53.084	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	369060	53.363	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	430071	51.730	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	223251	51.572	ug/l	97
56) Ethyl methacrylate	10.661	69	258889	52.237	ug/l	96
57) 1,3-Dichloropropane	10.944	76	368019	52.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	600058	241.533	ug/l	100
59) 2-Hexanone	10.979	43	443934	267.854	ug/l	97
60) Dibromochloromethane	11.138	129	283883	51.456	ug/l	100
61) 1,2-Dibromoethane	11.244	107	217077	52.203	ug/l	99
64) Tetrachloroethene	10.873	164	267712	48.018	ug/l	93
65) Chlorobenzene	11.667	112	806635	50.873	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	301787	49.588	ug/l	99
67) Ethyl Benzene	11.738	91	1400900	52.683	ug/l	99
68) m/p-Xylenes	11.849	106	1107362	104.837	ug/l	99
69) o-Xylene	12.173	106	509357	54.498	ug/l	99
70) Styrene	12.191	104	903272	54.927	ug/l	99
71) Bromoform	12.355	173	157989	50.143	ug/l #	99
73) Isopropylbenzene	12.473	105	1336438	55.446	ug/l	99
74) N-amyl acetate	12.285	43	239386	55.362	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	241002	52.078	ug/l	96
76) 1,2,3-Trichloropropane	12.779	75	170525m	49.061	ug/l	
77) Bromobenzene	12.755	156	321662	53.226	ug/l	99
78) n-propylbenzene	12.814	91	1608444	54.377	ug/l	100
79) 2-Chlorotoluene	12.902	91	919458	54.683	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	1141207	56.163	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	69337	53.217	ug/l	94
82) 4-Chlorotoluene	12.996	91	974252	54.444	ug/l	100
83) tert-Butylbenzene	13.214	119	985541	56.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1149365	56.577	ug/l	99
85) sec-Butylbenzene	13.396	105	1353550	53.226	ug/l	100
86) p-Isopropyltoluene	13.508	119	1207658	54.664	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	630955	52.132	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	620973	51.508	ug/l	99
89) n-Butylbenzene	13.832	91	1104302	53.732	ug/l	100
90) Hexachloroethane	14.102	117	207000	48.137	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	544255	51.544	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	35798	51.365	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	337988	55.010	ug/l	100
94) Hexachlorobutadiene	15.255	225	156083	40.626	ug/l	99
95) Naphthalene	15.390	128	610465	51.297	ug/l	100
96) 1,2,3-Trichlorobenzene	15.584	180	296648	55.611	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
Data File : VD069452.D
Acq On : 15 Jun 2021 20:57
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
6/16/2021 12:56:14 PM

Quant Time: Jun 16 02:03:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 11 12:50:13 2021
Response via : Initial Calibration

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

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

