

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069992.D
 Acq On : 04 Aug 2021 18:06
 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
 8/5/2021 6:41:46 PM

Quant Time: Aug 05 03:13:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	531373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	979231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	940581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	440414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	303859	49.721	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.440%		
35) Dibromofluoromethane	7.914	113	311246	50.420	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.840%		
50) Toluene-d8	10.338	98	1170135	49.159	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.320%		
62) 4-Bromofluorobenzene	12.626	95	410478	51.600	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	210656	37.665	ug/l	96
3) Chloromethane	2.209	50	341761	42.124	ug/l	99
4) Vinyl Chloride	2.344	62	366707	42.973	ug/l	99
5) Bromomethane	2.762	94	250964	49.845	ug/l	99
6) Chloroethane	2.915	64	253535	45.839	ug/l	92
7) Trichlorofluoromethane	3.268	101	451289	42.839	ug/l	99
8) Diethyl Ether	3.709	74	158222	53.397	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	294920	44.081	ug/l	99
10) Methyl Iodide	4.303	142	300716	45.834	ug/l	100
11) Tert butyl alcohol	5.220	59	78651	248.719	ug/l	99
12) 1,1-Dichloroethene	4.068	96	279747	46.014	ug/l	98
13) Acrolein	3.920	56	117637	265.748	ug/l	99
14) Allyl chloride	4.715	41	453722	50.902	ug/l	98
15) Acrylonitrile	5.420	53	374262	268.499	ug/l	99
16) Acetone	4.156	43	241685	218.922	ug/l	95
17) Carbon Disulfide	4.409	76	935014	43.013	ug/l	100
18) Methyl Acetate	4.720	43	166061	51.842	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	700226	55.589	ug/l	98
20) Methylene Chloride	4.962	84	458212	58.362	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	350777	48.964	ug/l	96
22) Diisopropyl ether	6.362	45	1065105	54.989	ug/l	98
23) Vinyl Acetate	6.309	43	2685527	251.879	ug/l	97
24) 1,1-Dichloroethane	6.262	63	665115	49.716	ug/l	99
25) 2-Butanone	7.209	43	404767	270.363	ug/l	98
26) 2,2-Dichloropropane	7.209	77	479153	47.101	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	394463	51.602	ug/l	98
28) Bromochloromethane	7.544	49	291845	57.457	ug/l	100
29) Tetrahydrofuran	7.561	42	277039	286.022	ug/l	99
30) Chloroform	7.708	83	670257	49.830	ug/l	96
31) Cyclohexane	7.985	56	523007	43.800	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	531319	47.722	ug/l	100
36) 1,1-Dichloropropene	8.108	75	480975	45.515	ug/l	100
37) Ethyl Acetate	7.291	43	200604	52.145	ug/l	99
38) Carbon Tetrachloride	8.091	117	435224	45.088	ug/l	100
39) Methylcyclohexane	9.350	83	547194	45.212	ug/l	99
40) Benzene	8.350	78	1479531	48.327	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069992.D
 Acq On : 04 Aug 2021 18:06
 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
 8/5/2021 6:41:46 PM

Quant Time: Aug 05 03:13:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	100104	49.584	ug/l #	93
42) 1,2-Dichloroethane	8.420	62	383853	47.409	ug/l	98
43) Isopropyl Acetate	8.450	43	361943	52.458	ug/l	99
44) Trichloroethene	9.108	130	349764	46.391	ug/l	94
45) 1,2-Dichloropropane	9.385	63	386752	48.094	ug/l	95
46) Dibromomethane	9.473	93	196304	49.661	ug/l	98
47) Bromodichloromethane	9.655	83	503343	49.011	ug/l	98
48) Methyl methacrylate	9.450	41	162726	44.608	ug/l	87
49) 1,4-Dioxane	9.461	88	42944	1028.295	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	989576	275.616	ug/l	99
52) Toluene	10.397	92	917819	49.421	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	443669	51.467	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	532927	51.064	ug/l	100
55) 1,1,2-Trichloroethane	10.797	97	276844	49.585	ug/l	98
56) Ethyl methacrylate	10.655	69	337666	49.001	ug/l	97
57) 1,3-Dichloropropane	10.944	76	479700	50.776	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	814801	266.830	ug/l	99
59) 2-Hexanone	10.979	43	656025	276.232	ug/l	100
60) Dibromochloromethane	11.138	129	316935	50.123	ug/l	99
61) 1,2-Dibromoethane	11.244	107	256130	50.953	ug/l	100
64) Tetrachloroethene	10.873	164	274434	45.772	ug/l	99
65) Chlorobenzene	11.667	112	953746	48.943	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	338021	48.219	ug/l	98
67) Ethyl Benzene	11.738	91	1729320	50.406	ug/l	98
68) m/p-Xylenes	11.849	106	1341394	100.859	ug/l	100
69) o-Xylene	12.173	106	612844	50.686	ug/l	98
70) Styrene	12.185	104	1104258	52.700	ug/l	99
71) Bromoform	12.355	173	169854	49.892	ug/l #	100
73) Isopropylbenzene	12.473	105	1609781	50.871	ug/l	99
74) N-amyl acetate	12.279	43	349823	53.745	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	314662	49.792	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	209771m	44.811	ug/l	
77) Bromobenzene	12.749	156	352718	49.490	ug/l	98
78) n-propylbenzene	12.814	91	2045364	50.325	ug/l	100
79) 2-Chlorotoluene	12.896	91	1172379	49.661	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1375434	50.811	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	82476	53.449	ug/l	96
82) 4-Chlorotoluene	12.996	91	1219817	49.423	ug/l	98
83) tert-Butylbenzene	13.214	119	1113173	50.580	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	1379224	51.647	ug/l	100
85) sec-Butylbenzene	13.391	105	1733365	49.820	ug/l	100
86) p-Isopropyltoluene	13.508	119	1432480	50.678	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	729485	48.751	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	709386	47.565	ug/l	99
89) n-Butylbenzene	13.832	91	1374000	49.254	ug/l	100
90) Hexachloroethane	14.102	117	289965	48.427	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	630396	48.812	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	47473	52.169	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	357495	51.305	ug/l	100
94) Hexachlorobutadiene	15.255	225	199475	46.798	ug/l	98
95) Naphthalene	15.385	128	695142	48.461	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	310700	51.560	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
Data File : VD069992.D
Acq On : 04 Aug 2021 18:06
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
8/5/2021 6:41:46 PM

Quant Time: Aug 05 03:13:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration

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

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

