

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061121\
 Data File : VD069413.D
 Acq On : 11 Jun 2021 11:28
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 10:56:29 AM

Quant Time: Jun 11 12:13:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:10:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	397166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	622554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	596791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	299571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	224057	49.414	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.820%			
35) Dibromofluoromethane	7.914	113	238488	51.024	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.040%			
50) Toluene-d8	10.338	98	902570	54.458	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.920%			
62) 4-Bromofluorobenzene	12.626	95	285805	54.693	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	194075	47.359	ug/l	98
3) Chloromethane	2.209	50	196757	47.424	ug/l	98
4) Vinyl Chloride	2.350	62	239430	48.386	ug/l	98
5) Bromomethane	2.768	94	181233	44.719	ug/l	94
6) Chloroethane	2.921	64	164104	48.111	ug/l	96
7) Trichlorofluoromethane	3.268	101	376218	46.649	ug/l	96
8) Diethyl Ether	3.709	74	102978	54.416	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	225775	46.922	ug/l	99
10) Methyl Iodide	4.303	142	237086	61.255	ug/l	99
11) Tert butyl alcohol	5.220	59	55012	229.235	ug/l	98
12) 1,1-Dichloroethene	4.073	96	213715	50.749	ug/l	96
13) Acrolein	3.926	56	77561	276.773	ug/l	99
14) Allyl chloride	4.720	41	250905	52.482	ug/l	98
15) Acrylonitrile	5.426	53	192963	262.080	ug/l	98
16) Acetone	4.156	43	193923	252.692	ug/l	96
17) Carbon Disulfide	4.409	76	698701	50.972	ug/l	100
18) Methyl Acetate	4.715	43	88024	40.973	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	409174	56.804	ug/l	100
20) Methylene Chloride	4.962	84	277416	35.043	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	250213	50.993	ug/l	99
22) Diisopropyl ether	6.362	45	529914	56.042	ug/l	93
23) Vinyl Acetate	6.309	43	1569438	321.084	ug/l	99
24) 1,1-Dichloroethane	6.267	63	405339	48.706	ug/l	99
25) 2-Butanone	7.214	43	246585	275.915	ug/l	95
26) 2,2-Dichloropropane	7.209	77	357651	48.907	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	273930	52.178	ug/l	97
28) Bromochloromethane	7.544	49	159167	52.988	ug/l	97
29) Tetrahydrofuran	7.561	42	141855	289.007	ug/l	100
30) Chloroform	7.708	83	447763	47.690	ug/l	99
31) Cyclohexane	7.985	56	305159	49.880	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	399228	48.683	ug/l	99
36) 1,1-Dichloropropene	8.108	75	337792	52.641	ug/l	99
37) Ethyl Acetate	7.291	43	114806	54.495	ug/l	97
38) Carbon Tetrachloride	8.097	117	356514	50.188	ug/l	98
39) Methylcyclohexane	9.355	83	352175	57.698	ug/l	98
40) Benzene	8.350	78	972108	51.668	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061121\
 Data File : VD069413.D
 Acq On : 11 Jun 2021 11:28
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 10:56:29 AM

Quant Time: Jun 11 12:13:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:10:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	54538	53.607	ug/l	95
42) 1,2-Dichloroethane	8.426	62	260597	49.740	ug/l	100
43) Isopropyl Acetate	8.450	43	216720	54.690	ug/l	97
44) Trichloroethene	9.114	130	266889	50.471	ug/l	92
45) 1,2-Dichloropropane	9.385	63	236748	51.143	ug/l	99
46) Dibromomethane	9.479	93	133915	50.790	ug/l	94
47) Bromodichloromethane	9.661	83	343606	50.047	ug/l	96
48) Methyl methacrylate	9.455	41	101556	58.482	ug/l	92
49) 1,4-Dioxane	9.461	88	28563	1164.686	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	581984	290.485	ug/l	99
52) Toluene	10.402	92	636177	54.455	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	304900	53.974	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	363285	53.232	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	186218	51.016	ug/l	99
56) Ethyl methacrylate	10.661	69	207266	62.028	ug/l	98
57) 1,3-Dichloropropane	10.944	76	306906	52.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	535508	316.100	ug/l	100
59) 2-Hexanone	10.985	43	393765	299.964	ug/l	100
60) Dibromochloromethane	11.138	129	239469	51.579	ug/l	97
61) 1,2-Dibromoethane	11.244	107	179351	51.519	ug/l	99
64) Tetrachloroethene	10.873	164	231053	48.424	ug/l	96
65) Chlorobenzene	11.667	112	670790	51.054	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	255131	50.212	ug/l	99
67) Ethyl Benzene	11.744	91	1189965	56.480	ug/l	100
68) m/p-Xylenes	11.849	106	961281	113.695	ug/l	98
69) o-Xylene	12.179	106	426967	58.533	ug/l	98
70) Styrene	12.191	104	759578	58.983	ug/l	99
71) Bromoform	12.355	173	134509	51.829	ug/l #	97
73) Isopropylbenzene	12.473	105	1145290	57.451	ug/l	99
74) N-amyl acetate	12.285	43	206470	58.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	203417	50.283	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	157176m	68.306	ug/l	
77) Bromobenzene	12.755	156	272004	52.534	ug/l	99
78) n-propylbenzene	12.814	91	1418605	57.376	ug/l	99
79) 2-Chlorotoluene	12.902	91	791795	55.729	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	983915	58.589	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	61179	56.487	ug/l	95
82) 4-Chlorotoluene	13.002	91	830428	54.746	ug/l	99
83) tert-Butylbenzene	13.220	119	815835	57.175	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	986318	58.735	ug/l	99
85) sec-Butylbenzene	13.396	105	1212619	57.009	ug/l	100
86) p-Isopropyltoluene	13.508	119	1085860	59.506	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	549660	52.416	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	531081	50.141	ug/l	98
89) n-Butylbenzene	13.838	91	984477	57.757	ug/l	100
90) Hexachloroethane	14.102	117	191468	50.637	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	475949	51.602	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	29886	49.107	ug/l	93
93) 1,2,4-Trichlorobenzene	15.155	180	288763	56.080	ug/l	99
94) Hexachlorobutadiene	15.261	225	179007	53.443	ug/l	99
95) Naphthalene	15.390	128	509997	62.578	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	255611	57.439	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061121\
Data File : VD069413.D
Acq On : 11 Jun 2021 11:28
Operator : VA/SY
Sample : VSTDICCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
6/14/2021 10:56:29 AM

Quant Time: Jun 11 12:13:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 11 12:10:28 2021
Response via : Initial Calibration

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

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

