

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
 Data File : VD068912.D
 Acq On : 20 Apr 2021 09:34
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:32:01 PM

Quant Time: Apr 21 08:04:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	172571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	267246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	270456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	134490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	74568	40.89	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.78%		
35) Dibromofluoromethane	7.914	113	82486	47.45	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.90%		
50) Toluene-d8	10.338	98	342499	52.23	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.46%		
62) 4-Bromofluorobenzene	12.632	95	112545	51.68	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.36%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	79855	46.70	ug/l	96
3) Chloromethane	2.209	50	86915	43.23	ug/l	98
4) Vinyl Chloride	2.350	62	119101	47.16	ug/l	99
5) Bromomethane	2.762	94	87677	46.44	ug/l	99
6) Chloroethane	2.920	64	79948	48.17	ug/l	96
7) Trichlorofluoromethane	3.273	101	154072	51.85	ug/l	97
8) Diethyl Ether	3.715	74	39560	49.29	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	87697	48.90	ug/l	99
10) Methyl Iodide	4.297	142	82793	39.92	ug/l	99
11) Tert butyl alcohol	5.226	59	21294	215.86	ug/l #	87
12) 1,1-Dichloroethene	4.067	96	81211	47.01	ug/l	91
13) Acrolein	3.920	56	13877	193.31	ug/l	99
14) Allyl chloride	4.709	41	79502	40.84	ug/l	92
15) Acrylonitrile	5.420	53	79262	220.07	ug/l	99
16) Acetone	4.156	43	66283	262.45	ug/l	96
17) Carbon Disulfide	4.409	76	228286	40.83	ug/l	98
18) Methyl Acetate	4.720	43	28122	40.53	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	180568	47.11	ug/l	98
20) Methylene Chloride	4.967	84	85013	40.66	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	100085	45.12	ug/l	96
22) Diisopropyl ether	6.367	45	207773	44.05	ug/l	97
23) Vinyl Acetate	6.309	43	584211	233.71	ug/l	98
24) 1,1-Dichloroethane	6.261	63	158946	44.69	ug/l	98
25) 2-Butanone	7.214	43	85458	239.12	ug/l	96
26) 2,2-Dichloropropane	7.208	77	142598	49.09	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	105834	48.01	ug/l	97
28) Bromochloromethane	7.550	49	53665	41.81	ug/l	91
29) Tetrahydrofuran	7.561	42	49934	207.76	ug/l	94
30) Chloroform	7.708	83	165518	42.52	ug/l	98
31) Cyclohexane	7.985	56	126151	41.57	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	151640	44.58	ug/l	99
36) 1,1-Dichloropropene	8.114	75	140134	51.80	ug/l	98
37) Ethyl Acetate	7.291	43	37310	46.96	ug/l	97
38) Carbon Tetrachloride	8.097	117	143404	53.55	ug/l	94
39) Methylcyclohexane	9.355	83	168350	53.37	ug/l	94
40) Benzene	8.350	78	364927	46.10	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
 Data File : VD068912.D
 Acq On : 20 Apr 2021 09:34
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:32:01 PM

Quant Time: Apr 21 08:04:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	21965m	46.70	ug/l	
42) 1,2-Dichloroethane	8.426	62	107337	51.30	ug/l	100
43) Isopropyl Acetate	8.455	43	78475	48.45	ug/l	97
44) Trichloroethene	9.114	130	110195	50.40	ug/l	89
45) 1,2-Dichloropropane	9.385	63	88669	46.90	ug/l	96
46) Dibromomethane	9.479	93	53026	50.35	ug/l	97
47) Bromodichloromethane	9.661	83	140426	51.04	ug/l	97
48) Methyl methacrylate	9.455	41	33764	42.30	ug/l #	79
49) 1,4-Dioxane	9.461	88	11880	1065.38	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	212383	260.15	ug/l	98
52) Toluene	10.402	92	267102	53.29	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	126371	51.82	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	149737	51.33	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	76356	51.27	ug/l	97
56) Ethyl methacrylate	10.661	69	80855	52.74	ug/l	97
57) 1,3-Dichloropropane	10.944	76	124916	50.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	203069	248.90	ug/l	95
59) 2-Hexanone	10.985	43	153447	280.90	ug/l	98
60) Dibromochloromethane	11.138	129	97602	52.27	ug/l	100
61) 1,2-Dibromoethane	11.244	107	74388	51.39	ug/l	100
64) Tetrachloroethene	10.873	164	97020	51.18	ug/l	96
65) Chlorobenzene	11.667	112	286738	48.98	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	104966	49.87	ug/l	99
67) Ethyl Benzene	11.744	91	510462	50.35	ug/l	98
68) m/p-Xylenes	11.849	106	369334	94.41	ug/l	97
69) o-Xylene	12.179	106	185235	52.07	ug/l	93
70) Styrene	12.191	104	313518	50.57	ug/l	100
71) Bromoform	12.361	173	56883	50.44	ug/l #	100
73) Isopropylbenzene	12.479	105	499567	50.87	ug/l	99
74) N-amyl acetate	12.285	43	76716	46.07	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	84606	46.10	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	54775m	44.58	ug/l	
77) Bromobenzene	12.755	156	115629	48.98	ug/l	93
78) n-propylbenzene	12.814	91	597467	50.09	ug/l	99
79) 2-Chlorotoluene	12.902	91	320733	48.14	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	419747	51.13	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	25973	49.06	ug/l	98
82) 4-Chlorotoluene	13.002	91	341999	48.43	ug/l	96
83) tert-Butylbenzene	13.220	119	353804	50.79	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	420588	50.72	ug/l	99
85) sec-Butylbenzene	13.396	105	509725	51.85	ug/l	99
86) p-Isopropyltoluene	13.514	119	470246	52.38	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	227900	48.73	ug/l	98
88) 1,4-Dichlorobenzene	13.591	146	226860	49.01	ug/l	99
89) n-Butylbenzene	13.838	91	440246	52.06	ug/l	99
90) Hexachloroethane	14.108	117	87973	49.19	ug/l	96
91) 1,2-Dichlorobenzene	13.885	146	196290	48.50	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	12179	43.65	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	128095	51.15	ug/l	98
94) Hexachlorobutadiene	15.261	225	77662	54.17	ug/l	99
95) Naphthalene	15.396	128	223798	51.30	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	110303	50.36	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
Data File : VD068912.D
Acq On : 20 Apr 2021 09:34
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/21/2021 4:32:01 PM

Quant Time: Apr 21 08:04:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

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

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

