

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068890.D
 Acq On : 19 Apr 2021 10:34
 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
 4/20/2021 10:33:31 AM

Quant Time: Apr 20 00:50:04 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	183567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	282985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	282952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	137430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	83379	42.98	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 85.96%			
35) Dibromofluoromethane	7.914	113	93102	50.58	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.16%			
50) Toluene-d8	10.338	98	375233	54.04	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.08%			
62) 4-Bromofluorobenzene	12.626	95	118469	51.37	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.74%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	85806	47.17	ug/l	96
3) Chloromethane	2.209	50	96502	45.13	ug/l	98
4) Vinyl Chloride	2.350	62	127982	47.64	ug/l	97
5) Bromomethane	2.768	94	93051	46.34	ug/l	98
6) Chloroethane	2.921	64	84455	47.84	ug/l	98
7) Trichlorofluoromethane	3.273	101	157828	49.93	ug/l	94
8) Diethyl Ether	3.715	74	39303	46.04	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	93075	48.79	ug/l	99
10) Methyl Iodide	4.303	142	87433	39.65	ug/l	99
11) Tert butyl alcohol	5.220	59	21758	206.02	ug/l	99
12) 1,1-Dichloroethene	4.067	96	89129	48.51	ug/l	97
13) Acrolein	3.926	56	12164	159.30	ug/l	94
14) Allyl chloride	4.715	41	88390	42.68	ug/l	94
15) Acrylonitrile	5.426	53	83510	217.98	ug/l	99
16) Acetone	4.156	43	69358	258.17	ug/l	98
17) Carbon Disulfide	4.409	76	252079	42.39	ug/l	100
18) Methyl Acetate	4.720	43	29314	39.72	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	193517	47.47	ug/l	92
20) Methylene Chloride	4.962	84	94846	42.90	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	112354	47.62	ug/l	96
22) Diisopropyl ether	6.361	45	230886	46.02	ug/l	99
23) Vinyl Acetate	6.303	43	633590	238.28	ug/l	96
24) 1,1-Dichloroethane	6.261	63	179882	47.55	ug/l	97
25) 2-Butanone	7.208	43	90251	237.40	ug/l	98
26) 2,2-Dichloropropane	7.203	77	160387	51.90	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	115712	49.34	ug/l	99
28) Bromochloromethane	7.544	49	56931	41.69	ug/l	94
29) Tetrahydrofuran	7.561	42	53046	207.48	ug/l	96
30) Chloroform	7.708	83	185985	44.92	ug/l	98
31) Cyclohexane	7.985	56	147779	45.78	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	170159	47.03	ug/l	99
36) 1,1-Dichloropropene	8.108	75	157185	54.88	ug/l	98
37) Ethyl Acetate	7.291	43	42426	50.42	ug/l	97
38) Carbon Tetrachloride	8.097	117	163192	57.54	ug/l	99
39) Methylcyclohexane	9.355	83	184258	55.16	ug/l	99
40) Benzene	8.350	78	414670	49.47	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068890.D
 Acq On : 19 Apr 2021 10:34
 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
 4/20/2021 10:33:31 AM

Quant Time: Apr 20 00:50:04 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	7.526	41	23776	47.74	ug/l #	67
42) 1,2-Dichloroethane	8.420	62	108422	48.93	ug/l	98
43) Isopropyl Acetate	8.450	43	79680	46.46	ug/l	98
44) Trichloroethene	9.108	130	117673	50.83	ug/l	92
45) 1,2-Dichloropropane	9.385	63	94888	47.39	ug/l	97
46) Dibromomethane	9.473	93	53492	47.96	ug/l	96
47) Bromodichloromethane	9.661	83	153105	52.55	ug/l	100
48) Methyl methacrylate	9.455	41	40614	48.05	ug/l	96
49) 1,4-Dioxane	9.461	88	12190	1032.38	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	218836	253.14	ug/l	99
52) Toluene	10.402	92	293743	55.35	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	137149	53.11	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	163904	53.06	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	79771	50.59	ug/l	98
56) Ethyl methacrylate	10.661	69	86238	53.13	ug/l	99
57) 1,3-Dichloropropane	10.944	76	132419	51.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	221866	256.27	ug/l	97
59) 2-Hexanone	10.985	43	157646	272.54	ug/l	100
60) Dibromochloromethane	11.138	129	106418	53.82	ug/l	99
61) 1,2-Dibromoethane	11.249	107	77243	50.40	ug/l	97
64) Tetrachloroethene	10.873	164	105853	53.37	ug/l	95
65) Chlorobenzene	11.667	112	309795	50.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	115492	52.44	ug/l	100
67) Ethyl Benzene	11.744	91	558462	52.65	ug/l	98
68) m/p-Xylenes	11.849	106	404408	98.81	ug/l	98
69) o-Xylene	12.179	106	196096	52.69	ug/l	98
70) Styrene	12.191	104	342932	52.87	ug/l	99
71) Bromoform	12.355	173	57889	49.07	ug/l #	100
73) Isopropylbenzene	12.479	105	540428	53.86	ug/l	100
74) N-amyl acetate	12.285	43	82238	48.33	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	88775	47.33	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	56387m	44.91	ug/l	
77) Bromobenzene	12.761	156	123600	51.24	ug/l	95
78) n-propylbenzene	12.820	91	652990	53.58	ug/l	99
79) 2-Chlorotoluene	12.902	91	351987	51.70	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	453360	54.04	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	27444	50.73	ug/l	97
82) 4-Chlorotoluene	13.002	91	369785	51.24	ug/l	97
83) tert-Butylbenzene	13.220	119	379759	53.35	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	453129	53.48	ug/l	97
85) sec-Butylbenzene	13.396	105	549492	54.70	ug/l	100
86) p-Isopropyltoluene	13.514	119	502727	54.80	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	248803	52.06	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	236053	49.90	ug/l	98
89) n-Butylbenzene	13.838	91	469730	54.36	ug/l	100
90) Hexachloroethane	14.108	117	94893	51.93	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	205027	49.57	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	12776	44.81	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	134301	52.48	ug/l	99
94) Hexachlorobutadiene	15.261	225	80855	55.19	ug/l	98
95) Naphthalene	15.396	128	231374	51.91	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	114586	51.19	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068890.D
 Acq On : 19 Apr 2021 10:34
 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
 4/20/2021 10:33:31 AM

Quant Time: Apr 20 00:50:04 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068890.D
 Acq On : 19 Apr 2021 10:34
 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
 4/20/2021 10:33:31 AM

Quant Time: Apr 20 00:50:04 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

