

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021621\
 Data File : VD068367.D
 Acq On : 16 Feb 2021 10:21
 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
 2/17/2021 12:28:19 PM

Quant Time: Feb 17 00:02:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	394459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	673762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	612470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	275774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	224560	55.69	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.38%			
35) Dibromofluoromethane	7.920	113	225883	56.48	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.96%			
50) Toluene-d8	10.344	98	925102	55.81	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.62%			
62) 4-Bromofluorobenzene	12.632	95	297429	55.08	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	168161	46.52	ug/l	98
3) Chloromethane	2.209	50	206430	47.97	ug/l	100
4) Vinyl Chloride	2.350	62	249745	48.48	ug/l	99
5) Bromomethane	2.773	94	163454	44.39	ug/l	94
6) Chloroethane	2.926	64	159363	47.36	ug/l	97
7) Trichlorofluoromethane	3.273	101	301331	47.52	ug/l	99
8) Diethyl Ether	3.709	74	91269	49.01	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	191143	49.53	ug/l	92
10) Methyl Iodide	4.303	142	174357	48.11	ug/l	94
11) Tert butyl alcohol	5.220	59	52793	261.12	ug/l	96
12) 1,1-Dichloroethene	4.073	96	180152	48.02	ug/l	93
13) Acrolein	3.926	56	68757	297.41	ug/l	98
14) Allyl chloride	4.715	41	250372	51.33	ug/l	98
15) Acrylonitrile	5.426	53	209540	260.70	ug/l	100
16) Acetone	4.162	43	176984	284.47	ug/l #	88
17) Carbon Disulfide	4.415	76	500820	46.09	ug/l	99
18) Methyl Acetate	4.720	43	86160	50.46	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	427759	50.53	ug/l #	92
20) Methylene Chloride	4.968	84	211263	48.79	ug/l	90
21) trans-1,2-Dichloroethene	5.479	96	206208	47.49	ug/l	93
22) Diisopropyl ether	6.362	45	563574	52.21	ug/l #	94
23) Vinyl Acetate	6.309	43	1490118	267.36	ug/l	100
24) 1,1-Dichloroethane	6.273	63	369426	50.02	ug/l	97
25) 2-Butanone	7.214	43	233896	268.88	ug/l	97
26) 2,2-Dichloropropane	7.209	77	316665	50.12	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	236196	47.86	ug/l	91
28) Bromochloromethane	7.544	49	164092	53.57	ug/l #	78
29) Tetrahydrofuran	7.561	42	142687	253.58	ug/l	97
30) Chloroform	7.714	83	379677	49.42	ug/l	95
31) Cyclohexane	7.985	56	314639	52.53	ug/l	94
32) 1,1,1-Trichloroethane	7.909	97	330190	49.74	ug/l	94
36) 1,1-Dichloropropene	8.114	75	291356	48.88	ug/l	97
37) Ethyl Acetate	7.291	43	103580	51.43	ug/l	95
38) Carbon Tetrachloride	8.097	117	276909	48.70	ug/l	97
39) Methylcyclohexane	9.355	83	359281	49.14	ug/l	99
40) Benzene	8.356	78	835494	49.14	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021621\
 Data File : VD068367.D
 Acq On : 16 Feb 2021 10:21
 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
 2/17/2021 12:28:19 PM

Quant Time: Feb 17 00:02:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	67972	58.63	ug/l	93
42) 1,2-Dichloroethane	8.426	62	231302	51.00	ug/l	97
43) Isopropyl Acetate	8.456	43	210813	54.65	ug/l	94
44) Trichloroethene	9.114	130	224910	48.61	ug/l	96
45) 1,2-Dichloropropane	9.391	63	215231	51.88	ug/l	94
46) Dibromomethane	9.479	93	111180	49.40	ug/l	92
47) Bromodichloromethane	9.667	83	295006	50.56	ug/l	97
48) Methyl methacrylate	9.461	41	107719	55.96	ug/l	98
49) 1,4-Dioxane	9.467	88	25380	965.26	ug/l #	84
51) 4-Methyl-2-Pentanone	10.232	43	525251	265.15	ug/l	98
52) Toluene	10.403	92	535350	48.98	ug/l	94
53) t-1,3-Dichloropropene	10.620	75	278511	51.58	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	330559	50.10	ug/l	96
55) 1,1,2-Trichloroethane	10.802	97	160013	51.47	ug/l	95
56) Ethyl methacrylate	10.661	69	192393	52.15	ug/l	97
57) 1,3-Dichloropropane	10.950	76	274281	50.27	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	548247	277.56	ug/l	90
59) 2-Hexanone	10.985	43	375655	280.53	ug/l	97
60) Dibromochloromethane	11.144	129	189860	49.21	ug/l	98
61) 1,2-Dibromoethane	11.244	107	149213	49.66	ug/l	99
64) Tetrachloroethene	10.879	164	179082	47.52	ug/l	97
65) Chlorobenzene	11.673	112	575197	48.84	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	203702	49.58	ug/l	97
67) Ethyl Benzene	11.749	91	1062023	50.30	ug/l	97
68) m/p-Xylenes	11.855	106	792496	99.31	ug/l	99
69) o-Xylene	12.179	106	365429	49.92	ug/l	98
70) Styrene	12.197	104	637540	50.07	ug/l	99
71) Bromoform	12.361	173	104073	49.30	ug/l #	100
73) Isopropylbenzene	12.479	105	1020128	50.64	ug/l	99
74) N-amyl acetate	12.291	43	190915	53.67	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	176038	50.43	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	128289m	48.89	ug/l	
77) Bromobenzene	12.761	156	219577	48.80	ug/l	88
78) n-propylbenzene	12.820	91	1218304	50.52	ug/l	97
79) 2-Chlorotoluene	12.908	91	663796	49.70	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	831687	50.53	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	54012	51.59	ug/l	96
82) 4-Chlorotoluene	13.002	91	707685	50.12	ug/l	97
83) tert-Butylbenzene	13.226	119	714815	50.06	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	828175	50.50	ug/l	98
85) sec-Butylbenzene	13.402	105	1014573	50.81	ug/l	98
86) p-Isopropyltoluene	13.514	119	925689	51.63	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	430989	49.50	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	424027	48.95	ug/l	99
89) n-Butylbenzene	13.844	91	895560	51.19	ug/l	98
90) Hexachloroethane	14.108	117	165481	50.84	ug/l	90
91) 1,2-Dichlorobenzene	13.891	146	373254	49.44	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	25756	50.46	ug/l	86
93) 1,2,4-Trichlorobenzene	15.161	180	250196	50.60	ug/l	100
94) Hexachlorobutadiene	15.267	225	137495	50.56	ug/l	99
95) Naphthalene	15.396	128	479026	52.12	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	213296	49.46	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021621\
Data File : VD068367.D
Acq On : 16 Feb 2021 10:21
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
2/17/2021 12:28:19 PM

Quant Time: Feb 17 00:02:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

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

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

