

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068980.D
 Acq On : 26 Apr 2021 11:03
 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
 4/27/2021 3:37:18 PM

Quant Time: Apr 27 07:11:17 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	261337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	404863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	383766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	194885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119715	43.34	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 86.68%			
35) Dibromofluoromethane	7.914	113	137811	52.33	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.66%			
50) Toluene-d8	10.338	98	507156	51.05	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.10%			
62) 4-Bromofluorobenzene	12.632	95	165950	50.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	118139	45.62	ug/l	98
3) Chloromethane	2.209	50	127994	42.04	ug/l	99
4) Vinyl Chloride	2.350	62	173097	45.26	ug/l	99
5) Bromomethane	2.768	94	137577	48.12	ug/l	99
6) Chloroethane	2.926	64	119629	47.60	ug/l	97
7) Trichlorofluoromethane	3.279	101	239735	53.27	ug/l	95
8) Diethyl Ether	3.709	74	59421	48.89	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.103	101	146497	53.94	ug/l	98
10) Methyl Iodide	4.309	142	144491	45.67	ug/l	99
11) Tert butyl alcohol	5.226	59	33511	225.65	ug/l	96
12) 1,1-Dichloroethene	4.068	96	130261	49.79	ug/l	96
13) Acrolein	3.920	56	18154	167.00	ug/l	95
14) Allyl chloride	4.720	41	128442	43.57	ug/l	90
15) Acrylonitrile	5.420	53	122164	223.98	ug/l	99
16) Acetone	4.156	43	102146	267.07	ug/l	99
17) Carbon Disulfide	4.415	76	387530	45.77	ug/l	99
18) Methyl Acetate	4.715	43	47457	45.17	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	274256	47.25	ug/l	91
20) Methylene Chloride	4.967	84	155394	50.18	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	160975	47.92	ug/l	98
22) Diisopropyl ether	6.373	45	309922	43.39	ug/l #	98
23) Vinyl Acetate	6.309	43	821017	216.88	ug/l	95
24) 1,1-Dichloroethane	6.267	63	237558	44.11	ug/l	99
25) 2-Butanone	7.214	43	127597	235.76	ug/l	98
26) 2,2-Dichloropropane	7.209	77	235777	53.60	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	175703	52.63	ug/l	95
28) Bromochloromethane	7.550	49	82781	42.58	ug/l	86
29) Tetrahydrofuran	7.567	42	77298	212.37	ug/l	92
30) Chloroform	7.714	83	285279	48.39	ug/l	99
31) Cyclohexane	7.991	56	190984	41.56	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	253913	49.29	ug/l	99
36) 1,1-Dichloropropene	8.114	75	215562	52.60	ug/l	99
37) Ethyl Acetate	7.291	43	59998	49.84	ug/l	97
38) Carbon Tetrachloride	8.097	117	233224	57.48	ug/l	99
39) Methylcyclohexane	9.361	83	248722	52.04	ug/l	95
40) Benzene	8.356	78	611595	51.00	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068980.D
 Acq On : 26 Apr 2021 11:03
 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
 4/27/2021 3:37:18 PM

Quant Time: Apr 27 07:11:17 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	31230	43.83	ug/l #	80
42) 1,2-Dichloroethane	8.426	62	160219	50.54	ug/l	99
43) Isopropyl Acetate	8.450	43	113969	46.45	ug/l	97
44) Trichloroethene	9.114	130	176260	53.22	ug/l	96
45) 1,2-Dichloropropane	9.385	63	145648	50.85	ug/l	96
46) Dibromomethane	9.479	93	83761	52.50	ug/l	94
47) Bromodichloromethane	9.661	83	222312	53.33	ug/l	99
48) Methyl methacrylate	9.455	41	58040	48.00	ug/l	90
49) 1,4-Dioxane	9.461	88	18488	1094.41	ug/l #	84
51) 4-Methyl-2-Pentanone	10.226	43	302037	244.21	ug/l	100
52) Toluene	10.402	92	410182	54.02	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	192570	52.12	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	229984	52.04	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	118566	52.55	ug/l	98
56) Ethyl methacrylate	10.661	69	123533	53.19	ug/l	95
57) 1,3-Dichloropropane	10.944	76	191984	51.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	304212	246.31	ug/l	96
59) 2-Hexanone	10.985	43	209281	252.89	ug/l	98
60) Dibromochloromethane	11.138	129	156120	55.19	ug/l	99
61) 1,2-Dibromoethane	11.244	107	116950	53.34	ug/l	98
64) Tetrachloroethene	10.879	164	149807	55.69	ug/l	95
65) Chlorobenzene	11.667	112	441889	53.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	168278	56.34	ug/l	98
67) Ethyl Benzene	11.744	91	791921	55.05	ug/l	97
68) m/p-Xylenes	11.855	106	618582	111.44	ug/l	98
69) o-Xylene	12.179	106	276153	54.71	ug/l	98
70) Styrene	12.191	104	494215	56.18	ug/l	99
71) Bromoform	12.361	173	87434	54.64	ug/l #	96
73) Isopropylbenzene	12.479	105	768424	54.00	ug/l	99
74) N-amyl acetate	12.285	43	109755	45.48	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.732	83	127129	47.80	ug/l	97
76) 1,2,3-Trichloropropane	12.785	75	101276m	56.88	ug/l	
77) Bromobenzene	12.761	156	185916	54.35	ug/l	92
78) n-propylbenzene	12.820	91	915206	52.95	ug/l	99
79) 2-Chlorotoluene	12.908	91	497948	51.58	ug/l	96
80) 1,3,5-Trimethylbenzene	12.955	105	647068	54.39	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	37879	49.37	ug/l	99
82) 4-Chlorotoluene	13.002	91	535854	52.36	ug/l	96
83) tert-Butylbenzene	13.220	119	539468	53.44	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	648053	53.94	ug/l	97
85) sec-Butylbenzene	13.396	105	776222	54.49	ug/l	99
86) p-Isopropyltoluene	13.514	119	716332	55.06	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	362990	53.56	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	353930	52.77	ug/l	100
89) n-Butylbenzene	13.838	91	655658	53.51	ug/l	99
90) Hexachloroethane	14.108	117	141832	54.73	ug/l	97
91) 1,2-Dichlorobenzene	13.885	146	311187	53.06	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	18442	45.61	ug/l	98
93) 1,2,4-Trichlorobenzene	15.161	180	195568	53.89	ug/l	99
94) Hexachlorobutadiene	15.261	225	119857	57.69	ug/l	98
95) Naphthalene	15.396	128	330542	52.29	ug/l	98
96) 1,2,3-Trichlorobenzene	15.590	180	170398	53.69	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
Data File : VD068980.D
Acq On : 26 Apr 2021 11:03
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
4/27/2021 3:37:18 PM

Quant Time: Apr 27 07:11:17 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

