

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031521\
 Data File : VD068621.D
 Acq On : 15 Mar 2021 15:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 10:11:23 AM

Quant Time: Mar 15 18:27:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 14:41:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	253302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	426053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	395072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	214958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	118505	46.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.64%		
35) Dibromofluoromethane	7.914	113	124253	48.41	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.82%		
50) Toluene-d8	10.338	98	476595	46.62	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.24%		
62) 4-Bromofluorobenzene	12.632	95	166246	50.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.92%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	105899	43.08	ug/l	97
3) Chloromethane	2.209	50	130891	42.13	ug/l	94
4) Vinyl Chloride	2.350	62	160089	43.40	ug/l	98
5) Bromomethane	2.773	94	112456	42.81	ug/l	96
6) Chloroethane	2.926	64	104729	43.91	ug/l	97
7) Trichlorofluoromethane	3.279	101	200070	47.55	ug/l	98
8) Diethyl Ether	3.714	74	57749	46.10	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	124972	48.75	ug/l	95
10) Methyl Iodide	4.303	142	134718	49.48	ug/l	96
11) Tert butyl alcohol	5.220	59	33833	250.38	ug/l #	94
12) 1,1-Dichloroethene	4.073	96	119246	46.88	ug/l	99
13) Acrolein	3.926	56	39711	205.62	ug/l	97
14) Allyl chloride	4.720	41	152578	46.45	ug/l	97
15) Acrylonitrile	5.426	53	134608	254.57	ug/l	98
16) Acetone	4.156	43	91769	228.28	ug/l	92
17) Carbon Disulfide	4.409	76	365900	43.90	ug/l	98
18) Methyl Acetate	4.720	43	55236	53.31	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	279787	50.73	ug/l #	91
20) Methylene Chloride	4.967	84	159793	46.84	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	147812	48.67	ug/l	93
22) Diisopropyl ether	6.361	45	346624	47.92	ug/l	94
23) Vinyl Acetate	6.303	43	918426	244.74	ug/l	99
24) 1,1-Dichloroethane	6.267	63	236507	47.70	ug/l	98
25) 2-Butanone	7.208	43	141272	244.47	ug/l	100
26) 2,2-Dichloropropane	7.208	77	203791	49.34	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	158220	47.45	ug/l	97
28) Bromochloromethane	7.544	49	95295	49.24	ug/l	83
29) Tetrahydrofuran	7.561	42	90079	240.06	ug/l	99
30) Chloroform	7.708	83	248338	47.43	ug/l	96
31) Cyclohexane	7.985	56	195778	42.54	ug/l	91
32) 1,1,1-Trichloroethane	7.902	97	216772	48.51	ug/l	96
36) 1,1-Dichloropropene	8.114	75	191472	47.28	ug/l	97
37) Ethyl Acetate	7.291	43	63934	47.58	ug/l	95
38) Carbon Tetrachloride	8.097	117	189374	49.77	ug/l	98
39) Methylcyclohexane	9.355	83	229237	45.90	ug/l	96
40) Benzene	8.350	78	558250	48.05	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031521\
 Data File : VD068621.D
 Acq On : 15 Mar 2021 15:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 10:11:23 AM

Quant Time: Mar 15 18:27:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 14:41:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	33975	43.56	ug/l #	88
42) 1,2-Dichloroethane	8.426	62	152239	49.84	ug/l	99
43) Isopropyl Acetate	8.450	43	126631	51.28	ug/l	99
44) Trichloroethene	9.114	130	151625	47.55	ug/l	97
45) 1,2-Dichloropropane	9.391	63	136521	49.16	ug/l	96
46) Dibromomethane	9.473	93	76884	50.89	ug/l	94
47) Bromodichloromethane	9.661	83	196279	50.22	ug/l	97
48) Methyl methacrylate	9.455	41	61914	47.03	ug/l	87
49) 1,4-Dioxane	9.455	88	17866	1036.93	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	331837	256.78	ug/l	98
52) Toluene	10.402	92	364086	49.08	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	187498	51.91	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	218638	49.61	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	105758	50.58	ug/l	96
56) Ethyl methacrylate	10.661	69	121598	50.60	ug/l	97
57) 1,3-Dichloropropane	10.943	76	183449	50.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	318759	264.38	ug/l	92
59) 2-Hexanone	10.985	43	225019	261.23	ug/l	100
60) Dibromochloromethane	11.138	129	130361	50.37	ug/l	98
61) 1,2-Dibromoethane	11.243	107	103897	50.78	ug/l	99
64) Tetrachloroethene	10.873	164	124249	48.16	ug/l	95
65) Chlorobenzene	11.667	112	390786	48.57	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	140506	50.24	ug/l	98
67) Ethyl Benzene	11.743	91	692973	48.25	ug/l	99
68) m/p-Xylenes	11.855	106	535370	98.15	ug/l	99
69) o-Xylene	12.179	106	253556	50.48	ug/l	94
70) Styrene	12.196	104	442097	51.46	ug/l	99
71) Bromoform	12.355	173	75283	52.99	ug/l #	99
73) Isopropylbenzene	12.479	105	686968	43.09	ug/l	100
74) N-amyl acetate	12.285	43	123899	45.62	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	124000	45.21	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	84775m	44.42	ug/l	
77) Bromobenzene	12.761	156	156055	42.89	ug/l	91
78) n-propylbenzene	12.820	91	833523	43.75	ug/l	98
79) 2-Chlorotoluene	12.908	91	471388	44.58	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	600989	45.99	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	38191	46.70	ug/l	94
82) 4-Chlorotoluene	13.002	91	508005	45.66	ug/l	99
83) tert-Butylbenzene	13.220	119	508811	45.73	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	605508	46.27	ug/l	98
85) sec-Butylbenzene	13.396	105	720248	45.83	ug/l	98
86) p-Isopropyltoluene	13.514	119	683252	47.89	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	332199	47.27	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	346502	49.77	ug/l	99
89) n-Butylbenzene	13.837	91	681674	49.54	ug/l	97
90) Hexachloroethane	14.108	117	134183	47.33	ug/l	90
91) 1,2-Dichlorobenzene	13.884	146	305474	50.68	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	21283	44.02	ug/l	92
93) 1,2,4-Trichlorobenzene	15.161	180	211982	45.53	ug/l	100
94) Hexachlorobutadiene	15.267	225	117359	45.42	ug/l	99
95) Naphthalene	15.396	128	389596	46.22	ug/l	98
96) 1,2,3-Trichlorobenzene	15.590	180	180541	44.80	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031521\
Data File : VD068621.D
Acq On : 15 Mar 2021 15:45
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/16/2021 10:11:23 AM

Quant Time: Mar 15 18:27:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 15 14:41:39 2021
Response via : Initial Calibration

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

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

