

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101521\
 Data File : VD070716.D
 Acq On : 15 Oct 2021 14:03
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD101521

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:51:12 PM

Quant Time: Oct 18 08:32:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	453248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	755498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	718184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	345726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	276367	51.48	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.96%			
35) Dibromofluoromethane	7.909	113	244268	50.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.98%			
50) Toluene-d8	10.332	98	963622	51.96	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.92%			
62) 4-Bromofluorobenzene	12.620	95	333159	52.18	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.36%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	244184	46.08	ug/l	98
3) Chloromethane	2.209	50	384249	48.87	ug/l	96
4) Vinyl Chloride	2.344	62	384513	47.72	ug/l	97
5) Bromomethane	2.762	94	248579	50.59	ug/l	99
6) Chloroethane	2.915	64	240448	47.39	ug/l	98
7) Trichlorofluoromethane	3.268	101	416577	45.73	ug/l	95
8) Diethyl Ether	3.709	74	126734	52.22	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.097	101	253645	46.55	ug/l	98
10) Methyl Iodide	4.297	142	227579	40.91	ug/l	100
11) Tert butyl alcohol	5.226	59	77214	256.93	ug/l #	88
12) 1,1-Dichloroethene	4.068	96	239660	48.64	ug/l	93
13) Acrolein	3.915	56	68216	234.52	ug/l	98
14) Allyl chloride	4.709	41	478114	51.27	ug/l #	91
15) Acrylonitrile	5.420	53	343785	269.01	ug/l	99
16) Acetone	4.156	43	305080	235.62	ug/l	89
17) Carbon Disulfide	4.403	76	887834	49.45	ug/l	96
18) Methyl Acetate	4.715	43	228451	50.76	ug/l #	86
19) Methyl tert-butyl Ether	5.473	73	590886	55.47	ug/l	97
20) Methylene Chloride	4.956	84	332858	51.29	ug/l	90
21) trans-1,2-Dichloroethene	5.468	96	294773	52.15	ug/l	91
22) Diisopropyl ether	6.362	45	1009846	55.62	ug/l #	95
23) Vinyl Acetate	6.303	43	2469492	256.23	ug/l #	92
24) 1,1-Dichloroethane	6.262	63	560156	49.52	ug/l	97
25) 2-Butanone	7.209	43	421133	263.27	ug/l #	85
26) 2,2-Dichloropropane	7.203	77	429791	48.04	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	307859	50.80	ug/l	90
28) Bromochloromethane	7.544	49	218897	48.68	ug/l	84
29) Tetrahydrofuran	7.556	42	280978	286.94	ug/l #	84
30) Chloroform	7.709	83	537113	48.60	ug/l	96
31) Cyclohexane	7.985	56	516541	47.56	ug/l	86
32) 1,1,1-Trichloroethane	7.897	97	449536	47.95	ug/l	96
36) 1,1-Dichloropropene	8.109	75	412481	49.01	ug/l	98
37) Ethyl Acetate	7.285	43	191394	54.89	ug/l #	93
38) Carbon Tetrachloride	8.091	117	381816	47.36	ug/l	96
39) Methylcyclohexane	9.350	83	473280	49.87	ug/l #	89
40) Benzene	8.350	78	1207265	49.81	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101521\
 Data File : VD070716.D
 Acq On : 15 Oct 2021 14:03
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD101521

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:51:12 PM

Quant Time: Oct 18 08:32:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	91825	42.08	ug/l	88
42) 1,2-Dichloroethane	8.420	62	348424	50.65	ug/l	95
43) Isopropyl Acetate	8.444	43	360347	54.18	ug/l #	90
44) Trichloroethene	9.109	130	277287	48.71	ug/l	97
45) 1,2-Dichloropropane	9.379	63	324108	50.61	ug/l	99
46) Dibromomethane	9.467	93	154636	50.42	ug/l	96
47) Bromodichloromethane	9.656	83	397597	48.87	ug/l	97
48) Methyl methacrylate	9.450	41	181026	55.56	ug/l	86
49) 1,4-Dioxane	9.461	88	35080	1065.28	ug/l #	89
51) 4-Methyl-2-Pentanone	10.220	43	974162	277.87	ug/l	90
52) Toluene	10.397	92	740720	51.33	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	368350	50.69	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	436617	50.19	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	212678	50.49	ug/l	95
56) Ethyl methacrylate	10.656	69	283095	49.45	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	382135	51.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	608332	274.22	ug/l	94
59) 2-Hexanone	10.979	43	672753	272.63	ug/l	89
60) Dibromochloromethane	11.132	129	245918	50.80	ug/l	100
61) 1,2-Dibromoethane	11.238	107	197523	51.25	ug/l	100
64) Tetrachloroethene	10.867	164	225869	46.80	ug/l	95
65) Chlorobenzene	11.661	112	721230	48.97	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	267994	49.17	ug/l	98
67) Ethyl Benzene	11.738	91	1377935	51.17	ug/l	99
68) m/p-Xylenes	11.844	106	1051879	103.10	ug/l	95
69) o-Xylene	12.173	106	474230	51.24	ug/l	94
70) Styrene	12.185	104	866654	53.87	ug/l	98
71) Bromoform	12.350	173	141044	49.84	ug/l #	99
73) Isopropylbenzene	12.467	105	1272937	51.67	ug/l	100
74) N-amyl acetate	12.279	43	346238	53.99	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	248224	50.94	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	156959m	52.55	ug/l	
77) Bromobenzene	12.749	156	283073	50.76	ug/l	97
78) n-propylbenzene	12.808	91	1635550	51.08	ug/l	98
79) 2-Chlorotoluene	12.897	91	933310	50.44	ug/l	98
80) 1,3,5-Trimethylbenzene	12.950	105	1088661	52.28	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	70370	51.60	ug/l	89
82) 4-Chlorotoluene	12.997	91	986357	50.39	ug/l	99
83) tert-Butylbenzene	13.214	119	881848	51.24	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	1095028	52.89	ug/l	99
85) sec-Butylbenzene	13.391	105	1374766	50.83	ug/l	99
86) p-Isopropyltoluene	13.502	119	1125232	51.75	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	576590	49.23	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	574383	49.67	ug/l	99
89) n-Butylbenzene	13.826	91	1103878	50.30	ug/l	99
90) Hexachloroethane	14.096	117	222294	47.38	ug/l	90
91) 1,2-Dichlorobenzene	13.873	146	507370	50.69	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	38165	49.10	ug/l	95
93) 1,2,4-Trichlorobenzene	15.144	180	294523	51.44	ug/l	99
94) Hexachlorobutadiene	15.249	225	179168	47.72	ug/l	99
95) Naphthalene	15.379	128	533216	47.87	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	259597	51.03	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101521\
Data File : VD070716.D
Acq On : 15 Oct 2021 14:03
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD101521

Manual Integrations
APPROVED

MMDadoda
10/18/2021 5:51:12 PM

Quant Time: Oct 18 08:32:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

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

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

