

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090821\
 Data File : VD070290.D
 Acq On : 08 Sep 2021 11:45
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:49:04 AM

Quant Time: Sep 09 01:35:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 01:31:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	405990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	725372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	695340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	319406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	490650	92.249	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 184.500%#			
35) Dibromofluoromethane	7.909	113	487535	93.707	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 187.420%#			
50) Toluene-d8	10.332	98	1936521	104.719	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 209.440%#			
62) 4-Bromofluorobenzene	12.626	95	653384	103.291	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 206.580%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	410070	80.784	ug/l	96
3) Chloromethane	2.209	50	561284	83.418	ug/l	98
4) Vinyl Chloride	2.344	62	591454	87.553	ug/l	97
5) Bromomethane	2.744	94	391567	78.125	ug/l	99
6) Chloroethane	2.909	64	404207	89.540	ug/l	100
7) Trichlorofluoromethane	3.268	101	768516	85.310	ug/l	98
8) Diethyl Ether	3.709	74	243213	103.919	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	474704	84.302	ug/l	98
10) Methyl Iodide	4.291	142	545707	127.787	ug/l	99
11) Tert butyl alcohol	5.220	59	170611	220.773	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	465923	94.979	ug/l	99
13) Acrolein	3.920	56	121344	480.013	ug/l	100
14) Allyl chloride	4.709	41	753241	109.345	ug/l	95
15) Acrylonitrile	5.415	53	546667	488.864	ug/l	99
16) Acetone	4.156	43	435688	451.564	ug/l	92
17) Carbon Disulfide	4.403	76	1638198	90.348	ug/l	99
18) Methyl Acetate	4.715	43	254295	89.416	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	1079167	109.239	ug/l	100
20) Methylene Chloride	4.956	84	570249	70.042	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	553071	96.396	ug/l	99
22) Diisopropyl ether	6.362	45	1605127	109.967	ug/l	97
23) Vinyl Acetate	6.303	43	3895196	617.422	ug/l	96
24) 1,1-Dichloroethane	6.262	63	1010167	93.284	ug/l	97
25) 2-Butanone	7.209	43	628488	517.687	ug/l	100
26) 2,2-Dichloropropane	7.203	77	813865	94.299	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	608288	99.962	ug/l	95
28) Bromochloromethane	7.544	49	402568	97.273	ug/l	90
29) Tetrahydrofuran	7.561	42	410412	528.898	ug/l	95
30) Chloroform	7.709	83	991063	88.249	ug/l	99
31) Cyclohexane	7.979	56	899334	97.072	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	845539	89.809	ug/l	97
36) 1,1-Dichloropropene	8.108	75	784573	99.425	ug/l	97
37) Ethyl Acetate	7.291	43	287126	98.340	ug/l	96
38) Carbon Tetrachloride	8.097	117	738016	95.834	ug/l	98
39) Methylcyclohexane	9.350	83	943936	113.720	ug/l	98
40) Benzene	8.350	78	2254855	98.256	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090821\
 Data File : VD070290.D
 Acq On : 08 Sep 2021 11:45
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:49:04 AM

Quant Time: Sep 09 01:35:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 01:31:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	131160	102.093	ug/l	91
42) 1,2-Dichloroethane	8.420	62	578869	92.124	ug/l	97
43) Isopropyl Acetate	8.450	43	548344	104.473	ug/l	95
44) Trichloroethene	9.108	130	534450	96.310	ug/l	89
45) 1,2-Dichloropropane	9.385	63	582851	96.118	ug/l	98
46) Dibromomethane	9.473	93	290237	93.551	ug/l	97
47) Bromodichloromethane	9.655	83	750845	94.375	ug/l	96
48) Methyl methacrylate	9.450	41	268313	116.802	ug/l	94
49) 1,4-Dioxane	9.455	88	62193	2095.540	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	1435472	540.060	ug/l	97
52) Toluene	10.397	92	1412146	103.605	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	660842	99.724	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	816186	101.972	ug/l	94
55) 1,1,2-Trichloroethane	10.797	97	397573	92.596	ug/l	97
56) Ethyl methacrylate	10.655	69	514336	123.087	ug/l	92
57) 1,3-Dichloropropane	10.938	76	703753	97.551	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	1251377	616.935	ug/l	97
59) 2-Hexanone	10.979	43	974280	562.778	ug/l	98
60) Dibromochloromethane	11.132	129	465764	93.061	ug/l	98
61) 1,2-Dibromoethane	11.244	107	375323	94.681	ug/l	99
64) Tetrachloroethene	10.873	164	414410	95.740	ug/l	99
65) Chlorobenzene	11.667	112	1429764	98.308	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	513142	95.370	ug/l	99
67) Ethyl Benzene	11.738	91	2704841	112.131	ug/l	99
68) m/p-Xylenes	11.844	106	2052550	219.687	ug/l	97
69) o-Xylene	12.173	106	958697	115.366	ug/l	96
70) Styrene	12.185	104	1660488	114.881	ug/l	97
71) Bromoform	12.355	173	247897	94.438	ug/l	97
73) Isopropylbenzene	12.473	105	2537900	118.438	ug/l	99
74) N-amyl acetate	12.279	43	530654	114.936	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	449232	91.490	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	305404m	116.372	ug/l	
77) Bromobenzene	12.755	156	524251	101.735	ug/l	97
78) n-propylbenzene	12.814	91	3216282	114.158	ug/l	99
79) 2-Chlorotoluene	12.896	91	1815382	109.749	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	2138792	114.132	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	124803	97.738	ug/l	95
82) 4-Chlorotoluene	12.996	91	1885553	106.266	ug/l	99
83) tert-Butylbenzene	13.214	119	1747806	117.643	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	2133696	116.217	ug/l	99
85) sec-Butylbenzene	13.391	105	2740819	114.433	ug/l	98
86) p-Isopropyltoluene	13.508	119	2224932	116.621	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	1074965	98.631	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	1043985	93.410	ug/l	100
89) n-Butylbenzene	13.832	91	2209621	116.611	ug/l	99
90) Hexachloroethane	14.102	117	442709	97.074	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	925762	98.583	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	66828	92.995	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	530441	106.344	ug/l	98
94) Hexachlorobutadiene	15.255	225	306281	97.212	ug/l	98
95) Naphthalene	15.385	128	1037164	122.043	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	463180	108.434	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090821\
Data File : VD070290.D
Acq On : 08 Sep 2021 11:45
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
9/10/2021 10:49:04 AM

Quant Time: Sep 09 01:35:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 01:31:51 2021
Response via : Initial Calibration

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

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

