

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070321.D
 Acq On : 13 Sep 2021 12:38
 Operator : VA/SY
 Sample : VD0913SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0913SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:45:25 AM

Quant Time: Sep 14 00:51:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	384275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	688350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	659533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	307306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	236527	47.936	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.880%		
35) Dibromofluoromethane	7.909	113	244591	49.919	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.840%		
50) Toluene-d8	10.338	98	931244	52.347	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.700%		
62) 4-Bromofluorobenzene	12.626	95	309326	49.752	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	94301	22.058	ug/l	98
3) Chloromethane	2.209	50	122058	21.145	ug/l	99
4) Vinyl Chloride	2.344	62	128786	21.301	ug/l	99
5) Bromomethane	2.750	94	86795	20.578	ug/l	96
6) Chloroethane	2.909	64	84641	21.036	ug/l	99
7) Trichlorofluoromethane	3.268	101	160740	20.100	ug/l	99
8) Diethyl Ether	3.703	74	42726	19.327	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	104436	21.024	ug/l	96
10) Methyl Iodide	4.303	142	85284	18.594	ug/l	98
11) Tert butyl alcohol	5.203	59	50989	91.395	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	88769	19.842	ug/l	93
13) Acrolein	3.915	56	19757	80.547	ug/l	93
14) Allyl chloride	4.709	41	126757	19.281	ug/l	98
15) Acrylonitrile	5.420	53	99933	94.876	ug/l	98
16) Acetone	4.162	43	84546	95.974	ug/l	95
17) Carbon Disulfide	4.409	76	328010	19.872	ug/l	100
18) Methyl Acetate	4.720	43	48695	19.209	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	179815	18.599	ug/l	100
20) Methylene Chloride	4.962	84	178696	29.588	ug/l	92
21) trans-1,2-Dichloroethene	5.468	96	106445	19.988	ug/l	97
22) Diisopropyl ether	6.367	45	287581	20.438	ug/l	97
23) Vinyl Acetate	6.303	43	594284	91.168	ug/l	98
24) 1,1-Dichloroethane	6.256	63	197278	19.815	ug/l	99
25) 2-Butanone	7.214	43	106941	91.196	ug/l	98
26) 2,2-Dichloropropane	7.203	77	162049	20.137	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	110883	19.383	ug/l	95
28) Bromochloromethane	7.544	49	70559	17.862	ug/l	94
29) Tetrahydrofuran	7.562	42	70576	93.756	ug/l	92
30) Chloroform	7.709	83	202913	19.880	ug/l	100
31) Cyclohexane	7.985	56	167324	19.686	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	167400	19.485	ug/l	96
36) 1,1-Dichloropropene	8.109	75	151832	20.636	ug/l	97
37) Ethyl Acetate	7.291	43	55981	20.347	ug/l	96
38) Carbon Tetrachloride	8.091	117	148738	20.440	ug/l	94
39) Methylcyclohexane	9.356	83	158982	19.342	ug/l	93
40) Benzene	8.350	78	439030	20.362	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070321.D
 Acq On : 13 Sep 2021 12:38
 Operator : VA/SY
 Sample : VD0913SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0913SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:45:25 AM

Quant Time: Sep 14 00:51:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	26850	18.549	ug/l #	87
42) 1,2-Dichloroethane	8.420	62	116222	20.126	ug/l	99
43) Isopropyl Acetate	8.450	43	97689	19.203	ug/l	98
44) Trichloroethene	9.108	130	103102	20.008	ug/l	82
45) 1,2-Dichloropropane	9.385	63	116520	20.598	ug/l	95
46) Dibromomethane	9.473	93	56249	19.310	ug/l	99
47) Bromodichloromethane	9.656	83	147092	19.793	ug/l	92
48) Methyl methacrylate	9.450	41	45225	19.255	ug/l	96
49) 1,4-Dioxane	9.456	88	11845	405.977	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	255234	96.960	ug/l	94
52) Toluene	10.397	92	273548	20.997	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	127369	19.924	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	152583	19.613	ug/l	95
55) 1,1,2-Trichloroethane	10.797	97	77958	19.454	ug/l	94
56) Ethyl methacrylate	10.655	69	79599	18.196	ug/l	91
57) 1,3-Dichloropropane	10.938	76	134611	19.731	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	209341	99.285	ug/l	97
59) 2-Hexanone	10.979	43	171998	97.932	ug/l	93
60) Dibromochloromethane	11.132	129	90771	19.464	ug/l	96
61) 1,2-Dibromoethane	11.238	107	72355	19.633	ug/l	100
64) Tetrachloroethene	10.867	164	84330	21.001	ug/l	97
65) Chlorobenzene	11.661	112	276070	20.206	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	100811	20.146	ug/l	99
67) Ethyl Benzene	11.738	91	478605	20.311	ug/l	97
68) m/p-Xylenes	11.850	106	379634	41.715	ug/l	99
69) o-Xylene	12.173	106	167306	20.521	ug/l	99
70) Styrene	12.185	104	294070	20.647	ug/l	97
71) Bromoform	12.350	173	49503	20.016	ug/l #	98
73) Isopropylbenzene	12.473	105	433717	20.125	ug/l	100
74) N-amyl acetate	12.279	43	90897	19.358	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	90075	19.515	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	58683m	18.879	ug/l	
77) Bromobenzene	12.749	156	99943	20.101	ug/l	98
78) n-propylbenzene	12.814	91	592504	21.182	ug/l	99
79) 2-Chlorotoluene	12.897	91	333213	20.437	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	390628	21.002	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	24503	19.751	ug/l	95
82) 4-Chlorotoluene	12.997	91	355854	20.689	ug/l	99
83) tert-Butylbenzene	13.214	119	302280	20.264	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	384132	20.973	ug/l	99
85) sec-Butylbenzene	13.391	105	499651	21.072	ug/l	98
86) p-Isopropyltoluene	13.508	119	400691	21.032	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	214070	20.680	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	212042	20.407	ug/l	99
89) n-Butylbenzene	13.832	91	383645	20.198	ug/l	98
90) Hexachloroethane	14.096	117	87257	20.008	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	183707	20.114	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	12969	18.761	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	97144	19.696	ug/l	97
94) Hexachlorobutadiene	15.255	225	59884	19.794	ug/l	99
95) Naphthalene	15.385	128	158519	17.685	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	83566	19.203	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
Data File : VD070321.D
Acq On : 13 Sep 2021 12:38
Operator : VA/SY
Sample : VD0913SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

Manual Integrations
APPROVED

MMDadoda
9/14/2021 10:45:25 AM

Quant Time: Sep 14 00:51:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
Data File : VD070321.D
Acq On : 13 Sep 2021 12:38
Operator : VA/SY
Sample : VD0913SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
Client Sample Id :
VD0913SBSD01

Manual Integrations
APPROVED

MMDadoda
9/14/2021 10:45:25 AM

Quant Time: Sep 14 00:51:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

