

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070345.D
 Acq On : 14 Sep 2021 11:20
 Operator : VA/SY
 Sample : VD0914SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:31:23 PM

Quant Time: Sep 15 02:44:57 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	385721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	681670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	660834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	318654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	236629	47.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.560%
35) Dibromofluoromethane	7.914	113	239868	49.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.860%
50) Toluene-d8	10.338	98	906549	51.458	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.920%
62) 4-Bromofluorobenzene	12.626	95	302501	49.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	88998	20.447	ug/l	99
3) Chloromethane	2.209	50	113383	19.240	ug/l	94
4) Vinyl Chloride	2.344	62	118289	19.491	ug/l	100
5) Bromomethane	2.756	94	82045	19.040	ug/l	100
6) Chloroethane	2.915	64	77729	18.915	ug/l	96
7) Trichlorofluoromethane	3.268	101	158004	19.684	ug/l	99
8) Diethyl Ether	3.709	74	42656	19.223	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	101540	20.365	ug/l	99
10) Methyl Iodide	4.291	142	80153	17.475	ug/l	96
11) Tert butyl alcohol	5.191	59	65241	116.502	ug/l #	100
12) 1,1-Dichloroethene	4.068	96	84537	18.825	ug/l	97
13) Acrolein	3.921	56	20987	85.240	ug/l #	83
14) Allyl chloride	4.709	41	118258	17.921	ug/l	95
15) Acrylonitrile	5.420	53	99680	94.281	ug/l	97
16) Acetone	4.156	43	76933	87.005	ug/l	89
17) Carbon Disulfide	4.409	76	306563	18.503	ug/l	100
18) Methyl Acetate	4.715	43	46739	18.299	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	175353	18.069	ug/l	97
20) Methylene Chloride	4.962	84	131127	19.344	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	99985	18.704	ug/l	95
22) Diisopropyl ether	6.362	45	265216	18.778	ug/l	97
23) Vinyl Acetate	6.303	43	584863	89.386	ug/l	100
24) 1,1-Dichloroethane	6.262	63	186808	18.693	ug/l	96
25) 2-Butanone	7.209	43	106321	90.327	ug/l	95
26) 2,2-Dichloropropane	7.203	77	153411	18.992	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	107189	18.667	ug/l	97
28) Bromochloromethane	7.550	49	72004	18.159	ug/l	93
29) Tetrahydrofuran	7.561	42	65540	86.739	ug/l	95
30) Chloroform	7.709	83	192248	18.765	ug/l	99
31) Cyclohexane	7.979	56	158125	18.534	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	164847	19.116	ug/l	99
36) 1,1-Dichloropropene	8.108	75	142392	19.543	ug/l	99
37) Ethyl Acetate	7.285	43	51121	18.763	ug/l	98
38) Carbon Tetrachloride	8.091	117	143937	19.974	ug/l	97
39) Methylcyclohexane	9.355	83	152027	18.677	ug/l	96
40) Benzene	8.350	78	412182	19.304	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070345.D
 Acq On : 14 Sep 2021 11:20
 Operator : VA/SY
 Sample : VD0914SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:31:23 PM

Quant Time: Sep 15 02:44:57 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	7.520	41	23917	16.684	ug/l	97
42) 1,2-Dichloroethane	8.420	62	110160	19.263	ug/l	99
43) Isopropyl Acetate	8.450	43	92305	18.323	ug/l	98
44) Trichloroethene	9.114	130	99497	19.498	ug/l	95
45) 1,2-Dichloropropane	9.385	63	108896	19.439	ug/l	98
46) Dibromomethane	9.473	93	54737	18.975	ug/l	99
47) Bromodichloromethane	9.655	83	141584	19.238	ug/l	99
48) Methyl methacrylate	9.450	41	44372	19.077	ug/l	93
49) 1,4-Dioxane	9.461	88	11105	384.344	ug/l #	84
51) 4-Methyl-2-Pentanone	10.226	43	244698	93.869	ug/l	96
52) Toluene	10.397	92	255520	19.805	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	124642	19.689	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	150751	19.567	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	75695	19.074	ug/l	94
56) Ethyl methacrylate	10.655	69	78036	18.013	ug/l	94
57) 1,3-Dichloropropane	10.938	76	127588	18.885	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	214763	102.854	ug/l	98
59) 2-Hexanone	10.979	43	157300	90.441	ug/l	95
60) Dibromochloromethane	11.138	129	91553	19.824	ug/l	98
61) 1,2-Dibromoethane	11.238	107	71802	19.674	ug/l	98
64) Tetrachloroethene	10.873	164	79908	19.861	ug/l	97
65) Chlorobenzene	11.661	112	264360	19.310	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	96488	19.244	ug/l	99
67) Ethyl Benzene	11.738	91	443865	18.800	ug/l	97
68) m/p-Xylenes	11.849	106	362949	39.803	ug/l	99
69) o-Xylene	12.173	106	152642	18.685	ug/l	96
70) Styrene	12.185	104	275510	19.306	ug/l	97
71) Bromoform	12.349	173	49439	19.950	ug/l #	95
73) Isopropylbenzene	12.473	105	402913	18.030	ug/l	100
74) N-amyl acetate	12.279	43	84148	17.282	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	89850	18.773	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	56543m	17.542	ug/l	
77) Bromobenzene	12.749	156	96668	18.750	ug/l	99
78) n-propylbenzene	12.814	91	545295	18.800	ug/l	100
79) 2-Chlorotoluene	12.896	91	308008	18.219	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	359737	18.652	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	23393	18.185	ug/l	94
82) 4-Chlorotoluene	12.996	91	339822	19.053	ug/l	99
83) tert-Butylbenzene	13.214	119	279387	18.062	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	360402	18.976	ug/l	99
85) sec-Butylbenzene	13.391	105	452134	18.389	ug/l	100
86) p-Isopropyltoluene	13.508	119	368631	18.660	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	205688	19.162	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	203570	18.894	ug/l	99
89) n-Butylbenzene	13.832	91	359750	18.265	ug/l	96
90) Hexachloroethane	14.096	117	82500	18.243	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	176869	18.675	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	12021	16.770	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	91129	17.818	ug/l	99
94) Hexachlorobutadiene	15.249	225	55886	17.815	ug/l	98
95) Naphthalene	15.385	128	152575	16.415	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	76722	17.003	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
Data File : VD070345.D
Acq On : 14 Sep 2021 11:20
Operator : VA/SY
Sample : VD0914SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBSD01

Manual Integrations
APPROVED

MMDadoda
9/15/2021 5:31:23 PM

Quant Time: Sep 15 02:44:57 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

