

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
 Data File : VD077854.D
 Acq On : 13 Dec 2023 11:36
 Operator : RP/MD
 Sample : VD1213SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
 Supervised By :Semsettin Yesilyurt 12/14/2023

Quant Time: Dec 14 01:50:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	123694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	214410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	194503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	103179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71523	49.071	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.140%		
35) Dibromofluoromethane	7.810	113	73883	49.194	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.380%		
50) Toluene-d8	10.269	98	302311	50.258	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.520%		
62) 4-Bromofluorobenzene	12.575	95	88821	49.389	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	32161	20.814	ug/l	99
3) Chloromethane	2.152	50	49327	23.421	ug/l	100
4) Vinyl Chloride	2.287	62	63727	22.288	ug/l	91
5) Bromomethane	2.699	94	40397	25.179	ug/l	96
6) Chloroethane	2.846	64	42957	22.037	ug/l	98
7) Trichlorofluoromethane	3.181	101	57128	21.694	ug/l	92
8) Diethyl Ether	3.599	74	15408	20.838	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	33189	22.031	ug/l	98
10) Methyl Iodide	4.169	142	27511	24.769	ug/l #	90
11) Tert butyl alcohol	5.063	59	8069	108.583	ug/l #	81
12) 1,1-Dichloroethene	3.946	96	30827	20.733	ug/l #	71
13) Acrolein	3.805	56	14725	95.504	ug/l	97
14) Allyl chloride	4.575	41	43235	21.143	ug/l	92
15) Acrylonitrile	5.258	53	34590	109.257	ug/l	99
16) Acetone	4.028	43	46358	132.312	ug/l	87
17) Carbon Disulfide	4.281	76	104631	20.800	ug/l	97
18) Methyl Acetate	4.563	43	22780	19.845	ug/l	90
19) Methyl tert-butyl Ether	5.328	73	66351	21.033	ug/l	95
20) Methylene Chloride	4.810	84	39366	19.888	ug/l #	83
21) trans-1,2-Dichloroethene	5.316	96	36308	21.559	ug/l #	75
22) Diisopropyl ether	6.222	45	89860	21.028	ug/l	93
23) Vinyl Acetate	6.163	43	213548m	102.331	ug/l	
24) 1,1-Dichloroethane	6.116	63	63938	22.094	ug/l	95
25) 2-Butanone	7.087	43	47394	109.873	ug/l	89
26) 2,2-Dichloropropane	7.081	77	50612	20.830	ug/l	98
27) cis-1,2-Dichloroethene	7.093	96	41741	23.034	ug/l	92
28) Bromochloromethane	7.434	49	24079	20.591	ug/l #	75
29) Tetrahydrofuran	7.452	42	23690	102.067	ug/l	86
30) Chloroform	7.599	83	63765	22.016	ug/l	91
31) Cyclohexane	7.881	56	55106	21.256	ug/l #	84
32) 1,1,1-Trichloroethane	7.799	97	56781	22.239	ug/l	97
36) 1,1-Dichloropropene	8.010	75	51136	21.286	ug/l	95
37) Ethyl Acetate	7.169	43	16642	17.766	ug/l #	73
38) Carbon Tetrachloride	7.999	117	49569	20.697	ug/l	88
39) Methylcyclohexane	9.281	83	59103	20.753	ug/l	90
40) Benzene	8.257	78	143928	21.109	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
 Data File : VD077854.D
 Acq On : 13 Dec 2023 11:36
 Operator : RP/MD
 Sample : VD1213SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
 Supervised By :Semsettin Yesilyurt 12/14/2023

Quant Time: Dec 14 01:50:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	8370	17.580	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	36659	20.742	ug/l	94
43) Isopropyl Acetate	8.369	43	33279	19.986	ug/l	93
44) Trichloroethene	9.034	130	37135	20.899	ug/l	90
45) 1,2-Dichloropropane	9.310	63	36559	22.057	ug/l	97
46) Dibromomethane	9.404	93	18081	20.617	ug/l	94
47) Bromodichloromethane	9.587	83	46656	20.989	ug/l #	94
48) Methyl methacrylate	9.381	41	19811	20.930	ug/l #	74
49) 1,4-Dioxane	9.393	88	3289	377.680	ug/l #	75
51) 4-Methyl-2-Pentanone	10.163	43	86026	101.229	ug/l	88
52) Toluene	10.334	92	91380	21.606	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	44660	20.921	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	54234	21.014	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	26223	21.860	ug/l #	93
56) Ethyl methacrylate	10.598	69	20788	19.658	ug/l #	80
57) 1,3-Dichloropropane	10.881	76	42140	20.379	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	63144	104.705	ug/l	95
59) 2-Hexanone	10.922	43	73788	104.656	ug/l	91
60) Dibromochloromethane	11.075	129	31095	21.529	ug/l	97
61) 1,2-Dibromoethane	11.181	107	23229	20.571	ug/l	98
64) Tetrachloroethene	10.816	164	29425	20.583	ug/l	96
65) Chlorobenzene	11.610	112	94141	19.395	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	33542	20.738	ug/l	97
67) Ethyl Benzene	11.687	91	170679	21.077	ug/l	95
68) m/p-Xylenes	11.792	106	132355	42.731	ug/l	91
69) o-Xylene	12.122	106	60143	21.068	ug/l	93
70) Styrene	12.134	104	88630	20.880	ug/l	92
71) Bromoform	12.298	173	16995	20.110	ug/l #	98
73) Isopropylbenzene	12.422	105	161515	20.654	ug/l	96
74) N-amyl acetate	12.234	43	29456	19.162	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	27189	19.940	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	19869m	22.172	ug/l	
77) Bromobenzene	12.704	156	36632	19.915	ug/l	90
78) n-propylbenzene	12.763	91	197557	20.732	ug/l	95
79) 2-Chlorotoluene	12.851	91	104713	20.505	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	132576	20.327	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	8796	19.887	ug/l #	83
82) 4-Chlorotoluene	12.951	91	113123	21.189	ug/l	95
83) tert-Butylbenzene	13.169	119	112646	20.458	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	134661	20.643	ug/l	96
85) sec-Butylbenzene	13.345	105	170489	20.947	ug/l	96
86) p-Isopropyltoluene	13.463	119	149542	20.521	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	77056	20.485	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	76348	19.351	ug/l	97
89) n-Butylbenzene	13.786	91	142453	20.775	ug/l	98
90) Hexachloroethane	14.057	117	29121	21.730	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	66703	20.851	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4345	21.438	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	40422	18.498	ug/l	97
94) Hexachlorobutadiene	15.204	225	21876	18.565	ug/l	93
95) Naphthalene	15.333	128	70627	19.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	34446	19.121	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
Data File : VD077854.D
Acq On : 13 Dec 2023 11:36
Operator : RP/MD
Sample : VD1213SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/14/2023
Supervised By :Semsettin Yesilyurt 12/14/2023

Quant Time: Dec 14 01:50:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 2023
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\VD121323\
 Data File : VD077854.D
 Acq On : 13 Dec 2023 11:36
 Operator : RP/MD
 Sample : VD1213SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBS01

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 12/14/2023
 Supervised By : Semsettin Yesilyurt 12/14/2023

Quant Time: Dec 14 01:50:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

