

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072163.D
 Acq On : 14 Mar 2022 12:43
 Operator : VA/SY
 Sample : VD0314SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/16/2022
 Supervised By :Semsettin Yesilyurt 03/16/2022

Quant Time: Mar 15 01:22:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	378831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	602265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	566981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	290367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	218548	51.766	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.540%			
35) Dibromofluoromethane	7.914	113	219140	51.706	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.420%			
50) Toluene-d8	10.338	98	819194	52.862	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.720%			
62) 4-Bromofluorobenzene	12.626	95	304015	50.489	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	68406	19.523	ug/l	90
3) Chloromethane	2.209	50	55498	17.824	ug/l	99
4) Vinyl Chloride	2.350	62	54487	18.129	ug/l	98
5) Bromomethane	2.750	94	35728	18.256	ug/l	88
6) Chloroethane	2.915	64	37858	19.052	ug/l	96
7) Trichlorofluoromethane	3.273	101	129626	19.098	ug/l	91
8) Diethyl Ether	3.709	74	34557	18.435	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.097	101	84561	19.539	ug/l	94
10) Methyl Iodide	4.303	142	58372	16.611	ug/l	98
11) Tert butyl alcohol	5.220	59	23035	94.102	ug/l #	86
12) 1,1-Dichloroethene	4.068	96	62265	17.883	ug/l	93
13) Acrolein	3.915	56	22292	102.056	ug/l	97
14) Allyl chloride	4.709	41	109473	17.983	ug/l	94
15) Acrylonitrile	5.415	53	94513	99.923	ug/l	94
16) Acetone	4.150	43	83093	90.649	ug/l	97
17) Carbon Disulfide	4.409	76	106141	14.179	ug/l	97
18) Methyl Acetate	4.720	43	49311	21.952	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	181010	19.127	ug/l	99
20) Methylene Chloride	4.962	84	97463	17.277	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	69919	18.156	ug/l	91
22) Diisopropyl ether	6.362	45	273035	19.664	ug/l	94
23) Vinyl Acetate	6.303	43	648686	91.542	ug/l #	92
24) 1,1-Dichloroethane	6.262	63	161901	19.771	ug/l	99
25) 2-Butanone	7.209	43	113529	92.890	ug/l	99
26) 2,2-Dichloropropane	7.209	77	142333	19.264	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	92837	18.883	ug/l	95
28) Bromochloromethane	7.544	49	62587	18.985	ug/l	84
29) Tetrahydrofuran	7.561	42	63464	88.309	ug/l	91
30) Chloroform	7.708	83	173386	19.875	ug/l	99
31) Cyclohexane	7.985	56	115877	17.568	ug/l #	87
32) 1,1,1-Trichloroethane	7.909	97	151845	19.598	ug/l	97
36) 1,1-Dichloropropene	8.108	75	108759	18.292	ug/l	97
37) Ethyl Acetate	7.297	43	49217	18.897	ug/l	96
38) Carbon Tetrachloride	8.097	117	129961	19.229	ug/l	98
39) Methylcyclohexane	9.350	83	117363	17.542	ug/l	98
40) Benzene	8.344	78	320990	18.924	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072163.D
 Acq On : 14 Mar 2022 12:43
 Operator : VA/SY
 Sample : VD0314SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/16/2022
 Supervised By :Semsettin Yesilyurt 03/16/2022

Quant Time: Mar 15 01:22:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	24572	16.187	ug/l #	77
42) 1,2-Dichloroethane	8.420	62	98091	19.063	ug/l	96
43) Isopropyl Acetate	8.450	43	95775	18.946	ug/l #	94
44) Trichloroethene	9.108	130	89654	18.828	ug/l	93
45) 1,2-Dichloropropane	9.385	63	91236	19.613	ug/l	100
46) Dibromomethane	9.473	93	43908	19.188	ug/l	94
47) Bromodichloromethane	9.655	83	132687	19.890	ug/l	95
48) Methyl methacrylate	9.450	41	43477	18.012	ug/l #	83
49) 1,4-Dioxane	9.455	88	11390	415.078	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	255280	96.149	ug/l	95
52) Toluene	10.397	92	210566	18.865	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	116361	19.092	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	136945	19.437	ug/l	92
55) 1,1,2-Trichloroethane	10.797	97	67335	19.317	ug/l	98
56) Ethyl methacrylate	10.655	69	78488	19.223	ug/l	88
57) 1,3-Dichloropropane	10.938	76	114116	19.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	178181	97.058	ug/l	96
59) 2-Hexanone	10.979	43	173010	94.347	ug/l	96
60) Dibromochloromethane	11.132	129	91437	20.215	ug/l	96
61) 1,2-Dibromoethane	11.238	107	61536	19.536	ug/l	100
64) Tetrachloroethene	10.873	164	77006	19.276	ug/l	95
65) Chlorobenzene	11.661	112	245396	19.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	96297	19.373	ug/l	97
67) Ethyl Benzene	11.738	91	423563	18.867	ug/l	97
68) m/p-Xylenes	11.844	106	325372	38.168	ug/l	100
69) o-Xylene	12.173	106	156176	19.153	ug/l	96
70) Styrene	12.185	104	279289	19.615	ug/l	97
71) Bromoform	12.355	173	53580	20.179	ug/l #	98
73) Isopropylbenzene	12.473	105	454028	19.732	ug/l	99
74) N-amyl acetate	12.279	43	93779	18.965	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	82473	20.041	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	65140m	20.337	ug/l	
77) Bromobenzene	12.749	156	101082	19.518	ug/l	93
78) n-propylbenzene	12.814	91	552616	19.772	ug/l	99
79) 2-Chlorotoluene	12.896	91	321592	19.899	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	400978	20.284	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	24466	18.952	ug/l	95
82) 4-Chlorotoluene	12.996	91	329147	19.669	ug/l	100
83) tert-Butylbenzene	13.214	119	336688	19.427	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	394005	20.228	ug/l	99
85) sec-Butylbenzene	13.391	105	518871	19.936	ug/l	98
86) p-Isopropyltoluene	13.502	119	433721	20.252	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	213272	19.649	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	213154	19.804	ug/l	100
89) n-Butylbenzene	13.832	91	416176	20.387	ug/l	98
90) Hexachloroethane	14.096	117	86184	20.532	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	188614	19.931	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	13200	20.098	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	122582	19.565	ug/l	100
94) Hexachlorobutadiene	15.249	225	74276	20.380	ug/l	99
95) Naphthalene	15.385	128	200137	18.531	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	108430	19.994	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
Data File : VD072163.D
Acq On : 14 Mar 2022 12:43
Operator : VA/SY
Sample : VD0314SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/16/2022
Supervised By :Semsettin Yesilyurt 03/16/2022

Quant Time: Mar 15 01:22:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
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\VD031422\
Data File : VD072163.D
Acq On : 14 Mar 2022 12:43
Operator : VA/SY
Sample : VD0314SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/16/2022
Supervised By :Semsettin Yesilyurt 03/16/2022

Quant Time: Mar 15 01:22:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

