

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073892.D
 Acq On : 21 Jul 2022 12:55
 Operator : VA/SY
 Sample : VD0721SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 22 01:18:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	137911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	234305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	213599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	104193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	87201	52.951	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.900%			
35) Dibromofluoromethane	7.903	113	88613	53.608	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.220%			
50) Toluene-d8	10.332	98	316865	52.805	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.620%			
62) 4-Bromofluorobenzene	12.614	95	108576	52.626	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	29799	22.530	ug/l	92
3) Chloromethane	2.203	50	51263	21.942	ug/l	99
4) Vinyl Chloride	2.344	62	66287	20.855	ug/l	98
5) Bromomethane	2.744	94	37466	17.438	ug/l	87
6) Chloroethane	2.903	64	43698	20.397	ug/l	98
7) Trichlorofluoromethane	3.250	101	68560	24.121	ug/l	94
8) Diethyl Ether	3.709	74	14619	20.967	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.079	101	34904	22.131	ug/l	98
10) Methyl Iodide	4.291	142	32602	20.985	ug/l	97
11) Tert butyl alcohol	5.232	59	10446	93.930	ug/l #	90
12) 1,1-Dichloroethene	4.056	96	31306	22.338	ug/l	92
13) Acrolein	3.915	56	6855	89.675	ug/l	94
14) Allyl chloride	4.697	41	40861	19.975	ug/l #	88
15) Acrylonitrile	5.415	53	31748	111.567	ug/l	94
16) Acetone	4.156	43	25795	95.458	ug/l	98
17) Carbon Disulfide	4.391	76	92451	20.645	ug/l	99
18) Methyl Acetate	4.721	43	17630	26.082	ug/l #	90
19) Methyl tert-butyl Ether	5.468	73	73552	21.910	ug/l	99
20) Methylene Chloride	4.956	84	59067	25.082	ug/l #	84
21) trans-1,2-Dichloroethene	5.462	96	34932	21.084	ug/l	81
22) Diisopropyl ether	6.362	45	88790	20.396	ug/l #	95
23) Vinyl Acetate	6.297	43	245916m	103.494	ug/l	
24) 1,1-Dichloroethane	6.256	63	59983	20.861	ug/l	97
25) 2-Butanone	7.203	43	39368	102.642	ug/l	93
26) 2,2-Dichloropropane	7.197	77	56134	21.985	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	40977	21.969	ug/l	87
28) Bromochloromethane	7.532	49	20898	19.372	ug/l #	75
29) Tetrahydrofuran	7.562	42	24732	106.343	ug/l #	84
30) Chloroform	7.703	83	67903	21.455	ug/l	96
31) Cyclohexane	7.973	56	52497	20.062	ug/l #	79
32) 1,1,1-Trichloroethane	7.897	97	63553	21.584	ug/l	95
36) 1,1-Dichloropropene	8.103	75	48738	20.438	ug/l	95
37) Ethyl Acetate	7.285	43	20185	23.541	ug/l #	91
38) Carbon Tetrachloride	8.085	117	53105	19.500	ug/l	100
39) Methylcyclohexane	9.344	83	56948	20.487	ug/l	93
40) Benzene	8.344	78	133436	20.567	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073892.D
 Acq On : 21 Jul 2022 12:55
 Operator : VA/SY
 Sample : VD0721SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 22 01:18:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	9376	17.596	ug/l #	74
42) 1,2-Dichloroethane	8.414	62	42593	21.451	ug/l	97
43) Isopropyl Acetate	8.450	43	38241	22.317	ug/l #	93
44) Trichloroethene	9.103	130	39508	21.820	ug/l	95
45) 1,2-Dichloropropane	9.379	63	32984	21.033	ug/l	93
46) Dibromomethane	9.467	93	21190	22.277	ug/l	97
47) Bromodichloromethane	9.656	83	50707	20.589	ug/l #	98
48) Methyl methacrylate	9.444	41	17525	20.860	ug/l #	81
49) 1,4-Dioxane	9.450	88	4123	414.264	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	93212	108.810	ug/l	98
52) Toluene	10.391	92	88900	20.360	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	45988	21.152	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	53156	21.129	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	26792	22.143	ug/l	95
56) Ethyl methacrylate	10.650	69	29459	21.031	ug/l	93
57) 1,3-Dichloropropane	10.932	76	44499	21.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	50938	68.006	ug/l #	88
59) 2-Hexanone	10.973	43	62351	106.519	ug/l	94
60) Dibromochloromethane	11.126	129	35272	21.519	ug/l	98
61) 1,2-Dibromoethane	11.232	107	26921	21.991	ug/l	100
64) Tetrachloroethene	10.867	164	35257	24.749	ug/l	93
65) Chlorobenzene	11.655	112	94132	21.397	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	35485	21.225	ug/l	99
67) Ethyl Benzene	11.732	91	168433	20.737	ug/l	99
68) m/p-Xylenes	11.838	106	133913	42.180	ug/l	97
69) o-Xylene	12.167	106	62845	21.143	ug/l	91
70) Styrene	12.179	104	108970	21.444	ug/l	97
71) Bromoform	12.344	173	19246	21.274	ug/l #	95
73) Isopropylbenzene	12.467	105	167118	21.177	ug/l	99
74) N-amyl acetate	12.273	43	33732	21.670	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	30404	22.290	ug/l	94
76) 1,2,3-Trichloropropane	12.761	75	23133m	20.692	ug/l	
77) Bromobenzene	12.744	156	37504	21.384	ug/l	91
78) n-propylbenzene	12.808	91	205559	21.352	ug/l	97
79) 2-Chlorotoluene	12.891	91	112819	20.890	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	141813	21.318	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.508	75	8746	21.111	ug/l	92
82) 4-Chlorotoluene	12.991	91	121707	21.310	ug/l	99
83) tert-Butylbenzene	13.208	119	120147	21.124	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	140927	21.269	ug/l	99
85) sec-Butylbenzene	13.385	105	182299	21.256	ug/l	98
86) p-Isopropyltoluene	13.497	119	152527	21.121	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	79644	21.685	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	79494	21.897	ug/l	98
89) n-Butylbenzene	13.826	91	145752	21.257	ug/l	99
90) Hexachloroethane	14.091	117	26583	18.628	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	70468	22.208	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5374	23.462	ug/l	95
93) 1,2,4-Trichlorobenzene	15.138	180	40921	21.124	ug/l	100
94) Hexachlorobutadiene	15.243	225	23530	22.920	ug/l	96
95) Naphthalene	15.373	128	78141	22.441	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	35361	21.470	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
Data File : VD073892.D
Acq On : 21 Jul 2022 12:55
Operator : VA/SY
Sample : VD0721SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0721SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 22 01:18:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 20 15:29:08 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\VD072122\
 Data File : VD073892.D
 Acq On : 21 Jul 2022 12:55
 Operator : VA/SY
 Sample : VD0721SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0721SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 22 01:18:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

