

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073683.D
 Acq On : 24 Jun 2022 13:04
 Operator : VA/SY
 Sample : VD0624SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
 Supervised By :Semsettin Yesilyurt 06/28/2022

Quant Time: Jun 25 07:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	209424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	342809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	331774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	174934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	124779	48.511	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.020%		
35) Dibromofluoromethane	7.903	113	133278	49.908	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.820%		
50) Toluene-d8	10.332	98	432125	45.067	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.140%		
62) 4-Bromofluorobenzene	12.620	95	180590	50.216	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	43464	21.196	ug/l	93
3) Chloromethane	2.209	50	38324	20.893	ug/l	91
4) Vinyl Chloride	2.344	62	36607	19.406	ug/l	92
5) Bromomethane	2.744	94	27805	19.771	ug/l	89
6) Chloroethane	2.909	64	24904	19.600	ug/l #	89
7) Trichlorofluoromethane	3.267	101	93074	21.094	ug/l	96
8) Diethyl Ether	3.697	74	22566	19.944	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.085	101	54369	21.483	ug/l	94
10) Methyl Iodide	4.297	142	44701	18.556	ug/l	96
11) Tert butyl alcohol	5.197	59	48078	106.048	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	44106	20.495	ug/l	90
13) Acrolein	3.909	56	4280	98.471	ug/l	96
14) Allyl chloride	4.709	41	65720	20.713	ug/l	99
15) Acrylonitrile	5.409	53	54281	100.227	ug/l	97
16) Acetone	4.150	43	43837	101.455	ug/l	98
17) Carbon Disulfide	4.403	76	108375	19.958	ug/l	96
18) Methyl Acetate	4.714	43	29376	23.646	ug/l	97
19) Methyl tert-butyl Ether	5.467	73	115219	20.559	ug/l	94
20) Methylene Chloride	4.956	84	66870	22.005	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	52293	20.425	ug/l	98
22) Diisopropyl ether	6.361	45	155031	21.763	ug/l	99
23) Vinyl Acetate	6.297	43	387658	103.801	ug/l	99
24) 1,1-Dichloroethane	6.256	63	98689	20.801	ug/l	100
25) 2-Butanone	7.203	43	64240	99.104	ug/l	91
26) 2,2-Dichloropropane	7.197	77	91950	20.575	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	64416	21.394	ug/l	98
28) Bromochloromethane	7.532	49	35014	20.912	ug/l #	6
29) Tetrahydrofuran	7.561	42	41205	104.564	ug/l	99
30) Chloroform	7.703	83	112624	21.090	ug/l	98
31) Cyclohexane	7.979	56	76164	19.738	ug/l #	93
32) 1,1,1-Trichloroethane	7.897	97	98307	20.495	ug/l	99
36) 1,1-Dichloropropene	8.102	75	75609	20.169	ug/l	98
37) Ethyl Acetate	7.285	43	28317	19.246	ug/l	97
38) Carbon Tetrachloride	8.085	117	87603	20.071	ug/l	98
39) Methylcyclohexane	9.350	83	75302	18.092	ug/l	100
40) Benzene	8.344	78	223957	20.637	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073683.D
 Acq On : 24 Jun 2022 13:04
 Operator : VA/SY
 Sample : VD0624SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBS01

Quant Time: Jun 25 07:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
 Supervised By :Semsettin Yesilyurt 06/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	18274	20.574	ug/l	94
42) 1,2-Dichloroethane	8.414	62	68835	21.053	ug/l	98
43) Isopropyl Acetate	8.450	43	59747	20.695	ug/l	98
44) Trichloroethene	9.108	130	62593	20.081	ug/l	99
45) 1,2-Dichloropropane	9.379	63	55220	20.297	ug/l	98
46) Dibromomethane	9.467	93	32295	20.448	ug/l	98
47) Bromodichloromethane	9.655	83	84580	20.432	ug/l	99
48) Methyl methacrylate	9.449	41	25511	17.411	ug/l	88
49) 1,4-Dioxane	9.455	88	6918	392.294	ug/l #	95
51) 4-Methyl-2-Pentanone	10.220	43	155069	104.520	ug/l	99
52) Toluene	10.397	92	143076	20.121	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	76276	20.255	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	89740	20.933	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	46133	20.721	ug/l	94
56) Ethyl methacrylate	10.649	69	48112	19.173	ug/l	96
57) 1,3-Dichloropropane	10.938	76	76169	20.749	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	98029	100.668	ug/l	97
59) 2-Hexanone	10.973	43	105078	104.909	ug/l	96
60) Dibromochloromethane	11.132	129	58491	19.935	ug/l	93
61) 1,2-Dibromoethane	11.238	107	44178	20.963	ug/l	98
64) Tetrachloroethene	10.867	164	52606	20.025	ug/l	98
65) Chlorobenzene	11.661	112	165013	20.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	67099	20.565	ug/l	98
67) Ethyl Benzene	11.738	91	284656	20.087	ug/l	99
68) m/p-Xylenes	11.843	106	227955	41.627	ug/l	100
69) o-Xylene	12.173	106	103077	20.294	ug/l	99
70) Styrene	12.185	104	182013	20.477	ug/l	99
71) Bromoform	12.349	173	36274	20.424	ug/l #	97
73) Isopropylbenzene	12.467	105	280251	19.619	ug/l	99
74) N-amyl acetate	12.279	43	58799	20.116	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	54327	20.159	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	38660m	22.709	ug/l	
77) Bromobenzene	12.749	156	69385	20.199	ug/l	99
78) n-propylbenzene	12.808	91	361144	20.685	ug/l	98
79) 2-Chlorotoluene	12.896	91	205043	20.161	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	252056	20.583	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	16205	19.434	ug/l	96
82) 4-Chlorotoluene	12.990	91	222202	20.552	ug/l	100
83) tert-Butylbenzene	13.208	119	201934	18.759	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	246769	20.514	ug/l	99
85) sec-Butylbenzene	13.390	105	319812	20.200	ug/l	99
86) p-Isopropyltoluene	13.502	119	261199	19.817	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	143091	20.003	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	142768	20.166	ug/l	98
89) n-Butylbenzene	13.826	91	247059	20.018	ug/l	99
90) Hexachloroethane	14.096	117	56581	20.826	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	124077	20.159	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	8446	18.773	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	70275	19.119	ug/l	98
94) Hexachlorobutadiene	15.249	225	42274	20.283	ug/l	98
95) Naphthalene	15.384	128	118285	18.002	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	62264	19.390	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073683.D
 Acq On : 24 Jun 2022 13:04
 Operator : VA/SY
 Sample : VD0624SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD0624SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
 Supervised By :Semsettin Yesilyurt 06/28/2022

Quant Time: Jun 25 07:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 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\VD062422\
 Data File : VD073683.D
 Acq On : 24 Jun 2022 13:04
 Operator : VA/SY
 Sample : VD0624SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBS01

Quant Time: Jun 25 07:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 06/28/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

