

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071608.D
 Acq On : 05 Jan 2022 12:28
 Operator : VA/SY
 Sample : VD0105SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0105SBS01

Quant Time: Jan 05 15:16:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/06/2022
 Supervised By : Mahesh Dadoda 01/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	275103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	471112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	441078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	217873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	173714	47.546	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.100%		
35) Dibromofluoromethane	7.914	113	158091	49.930	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.860%		
50) Toluene-d8	10.338	98	563706	47.112	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.220%		
62) 4-Bromofluorobenzene	12.626	95	201812	47.464	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	53648	18.611	ug/l	99
3) Chloromethane	2.214	50	70841	19.192	ug/l	99
4) Vinyl Chloride	2.356	62	78193	17.677	ug/l	98
5) Bromomethane	2.767	94	61281	19.804	ug/l	99
6) Chloroethane	2.926	64	55632	18.951	ug/l	100
7) Trichlorofluoromethane	3.279	101	109778	20.273	ug/l	97
8) Diethyl Ether	3.714	74	29500	19.029	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	63916	20.288	ug/l	93
10) Methyl Iodide	4.308	142	52472	17.127	ug/l	94
11) Tert butyl alcohol	5.214	59	26704	66.407	ug/l #	91
12) 1,1-Dichloroethene	4.073	96	54433	18.992	ug/l #	77
13) Acrolein	3.926	56	10626	60.206	ug/l	95
14) Allyl chloride	4.720	41	108852	20.079	ug/l #	75
15) Acrylonitrile	5.426	53	73938	96.849	ug/l	96
16) Acetone	4.167	43	79988	87.161	ug/l #	85
17) Carbon Disulfide	4.420	76	145138	15.542	ug/l	97
18) Methyl Acetate	4.726	43	54873	19.372	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	141013	19.059	ug/l	98
20) Methylene Chloride	4.967	84	96187	24.211	ug/l	90
21) trans-1,2-Dichloroethene	5.485	96	63786	19.214	ug/l	86
22) Diisopropyl ether	6.367	45	238686	21.628	ug/l	93
23) Vinyl Acetate	6.308	43	546327	96.029	ug/l	96
24) 1,1-Dichloroethane	6.273	63	135484	21.414	ug/l	99
25) 2-Butanone	7.208	43	102405	93.421	ug/l #	86
26) 2,2-Dichloropropane	7.208	77	109879	21.137	ug/l	97
27) cis-1,2-Dichloroethene	7.220	96	73609	20.047	ug/l	87
28) Bromochloromethane	7.549	49	50378	19.431	ug/l	87
29) Tetrahydrofuran	7.561	42	61019	92.713	ug/l	90
30) Chloroform	7.708	83	141209	22.120	ug/l	98
31) Cyclohexane	7.991	56	117853	18.988	ug/l	99
32) 1,1,1-Trichloroethane	7.908	97	119553	21.116	ug/l #	91
36) 1,1-Dichloropropene	8.114	75	100473	19.862	ug/l	96
37) Ethyl Acetate	7.291	43	45656	19.550	ug/l #	88
38) Carbon Tetrachloride	8.102	117	105527	21.145	ug/l	96
39) Methylcyclohexane	9.355	83	107039	18.076	ug/l	99
40) Benzene	8.349	78	275894	20.288	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071608.D
 Acq On : 05 Jan 2022 12:28
 Operator : VA/SY
 Sample : VD0105SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0105SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2022
 Supervised By :Mahesh Dadoda 01/11/2022

Quant Time: Jan 05 15:16:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	28168	20.307	ug/l #	72
42) 1,2-Dichloroethane	8.420	62	92654	20.895	ug/l	93
43) Isopropyl Acetate	8.449	43	85028	18.347	ug/l	91
44) Trichloroethene	9.114	130	68071	19.209	ug/l	87
45) 1,2-Dichloropropane	9.385	63	74630	21.150	ug/l	94
46) Dibromomethane	9.473	93	36844	18.899	ug/l	94
47) Bromodichloromethane	9.661	83	104972	21.208	ug/l	99
48) Methyl methacrylate	9.455	41	38949	16.983	ug/l #	81
49) 1,4-Dioxane	9.455	88	6882	312.393	ug/l #	83
51) 4-Methyl-2-Pentanone	10.226	43	223305	91.583	ug/l	89
52) Toluene	10.402	92	173375	20.070	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	91926	19.889	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	109557	20.513	ug/l #	83
55) 1,1,2-Trichloroethane	10.796	97	51032	20.623	ug/l	96
56) Ethyl methacrylate	10.661	69	59429	18.250	ug/l #	70
57) 1,3-Dichloropropane	10.943	76	92041	20.306	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	150113	96.237	ug/l	98
59) 2-Hexanone	10.979	43	154560	89.678	ug/l	85
60) Dibromochloromethane	11.137	129	64684	20.794	ug/l	100
61) 1,2-Dibromoethane	11.243	107	48141	19.642	ug/l	98
64) Tetrachloroethene	10.873	164	58616	19.124	ug/l	95
65) Chlorobenzene	11.667	112	182102	20.127	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.737	131	67755	20.499	ug/l	98
67) Ethyl Benzene	11.737	91	342793	20.358	ug/l	100
68) m/p-Xylenes	11.849	106	258003	40.332	ug/l	94
69) o-Xylene	12.173	106	119122	20.372	ug/l	95
70) Styrene	12.190	104	209954	20.669	ug/l	98
71) Bromoform	12.355	173	33791	18.893	ug/l #	99
73) Isopropylbenzene	12.473	105	328586	19.562	ug/l	99
74) N-amyl acetate	12.279	43	79281	17.592	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.720	83	56596	18.637	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	49022m	18.937	ug/l	
77) Bromobenzene	12.755	156	68292	18.271	ug/l	91
78) n-propylbenzene	12.814	91	422236	20.055	ug/l	99
79) 2-Chlorotoluene	12.902	91	232524	19.762	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	275492	19.884	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	15319	16.720	ug/l #	75
82) 4-Chlorotoluene	12.996	91	245420	20.108	ug/l	99
83) tert-Butylbenzene	13.214	119	238661	20.159	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	275364	20.082	ug/l	96
85) sec-Butylbenzene	13.390	105	361353	20.021	ug/l	99
86) p-Isopropyltoluene	13.508	119	300782	20.085	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	145475	19.326	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	143408	19.430	ug/l	96
89) n-Butylbenzene	13.831	91	298414	20.302	ug/l	98
90) Hexachloroethane	14.096	117	60708	21.399	ug/l	89
91) 1,2-Dichlorobenzene	13.879	146	124970	19.562	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	9151	17.376	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	72911	18.728	ug/l	97
94) Hexachlorobutadiene	15.249	225	42080	20.177	ug/l	99
95) Naphthalene	15.384	128	124559	16.809	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	60977	18.109	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071608.D
 Acq On : 05 Jan 2022 12:28
 Operator : VA/SY
 Sample : VD0105SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD0105SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2022
 Supervised By :Mahesh Dadoda 01/11/2022

Quant Time: Jan 05 15:16:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

