

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073670.D
 Acq On : 23 Jun 2022 16:50
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 24 06:59:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 06:54:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	206110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	343841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	326387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	166280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	15201	6.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.840%#		
35) Dibromofluoromethane	7.903	113	15594	6.207	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	12.420%#		
50) Toluene-d8	10.332	98	55335	6.197	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	12.400%#		
62) 4-Bromofluorobenzene	12.614	95	20722	6.315	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	12.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	13932	7.030	ug/l	95
3) Chloromethane	2.209	50	12069	6.749	ug/l	96
4) Vinyl Chloride	2.344	62	11199	6.609	ug/l	96
5) Bromomethane	2.756	94	9731	7.296	ug/l	89
6) Chloroethane	2.915	64	7415	6.619	ug/l	95
7) Trichlorofluoromethane	3.267	101	26169	6.594	ug/l	97
8) Diethyl Ether	3.703	74	6177	5.986	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	15306	6.701	ug/l	98
10) Methyl Iodide	4.291	142	11144	5.098	ug/l	98
11) Tert butyl alcohol	5.173	59	35632	128.517	ug/l #	100
12) 1,1-Dichloroethene	4.067	96	12039	6.045	ug/l	91
13) Acrolein	3.920	56	1038	16.291	ug/l #	76
14) Allyl chloride	4.703	41	16866	5.908	ug/l	99
15) Acrylonitrile	5.414	53	14437	30.849	ug/l	91
16) Acetone	4.156	43	14518	37.828	ug/l	98
17) Carbon Disulfide	4.403	76	30398	5.422	ug/l	98
18) Methyl Acetate	4.714	43	11220	9.258	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	28061	5.921	ug/l	99
20) Methylene Chloride	4.956	84	25124	8.353	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	14776	6.263	ug/l #	85
22) Diisopropyl ether	6.350	45	34833	5.425	ug/l #	93
23) Vinyl Acetate	6.297	43	74120m	22.085	ug/l	
24) 1,1-Dichloroethane	6.250	63	26524	6.148	ug/l	99
25) 2-Butanone	7.208	43	18156	32.826	ug/l	93
26) 2,2-Dichloropropane	7.197	77	25081	6.290	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	16217	5.920	ug/l	90
28) Bromochloromethane	7.538	49	9689	6.077	ug/l	97
29) Tetrahydrofuran	7.567	42	10047	29.472	ug/l	94
30) Chloroform	7.697	83	30116	6.158	ug/l	92
31) Cyclohexane	7.973	56	23489	6.526	ug/l #	79
32) 1,1,1-Trichloroethane	7.897	97	26235	6.009	ug/l	98
36) 1,1-Dichloropropene	8.103	75	20529	5.834	ug/l	97
37) Ethyl Acetate	7.291	43	7366m	5.449	ug/l	
38) Carbon Tetrachloride	8.091	117	24194	6.030	ug/l	95
39) Methylcyclohexane	9.344	83	22289	5.739	ug/l	96
40) Benzene	8.344	78	60676	5.967	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073670.D
 Acq On : 23 Jun 2022 16:50
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 24 06:59:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 06:54:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	4306	5.685	ug/l	95
42) 1,2-Dichloroethane	8.414	62	17178	5.631	ug/l	99
43) Isopropyl Acetate	8.438	43	14114	5.493	ug/l #	84
44) Trichloroethene	9.102	130	17358	5.974	ug/l	84
45) 1,2-Dichloropropane	9.379	63	14165	5.541	ug/l	96
46) Dibromomethane	9.461	93	8751	6.041	ug/l	91
47) Bromodichloromethane	9.649	83	22077	5.824	ug/l	96
48) Methyl methacrylate	9.444	41	6954	5.378	ug/l	95
49) 1,4-Dioxane	9.450	88	1646	100.326	ug/l #	72
51) 4-Methyl-2-Pentanone	10.220	43	34659	26.380	ug/l	98
52) Toluene	10.391	92	36676	5.533	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	18935	5.491	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	21883	5.416	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	11983	5.829	ug/l	88
56) Ethyl methacrylate	10.649	69	11475	5.066	ug/l	97
57) 1,3-Dichloropropane	10.932	76	19529	5.797	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	25527	28.140	ug/l	98
59) 2-Hexanone	10.973	43	23351	25.815	ug/l	98
60) Dibromochloromethane	11.126	129	15479	5.755	ug/l	96
61) 1,2-Dibromoethane	11.232	107	10976	5.602	ug/l	94
64) Tetrachloroethene	10.867	164	14560	5.977	ug/l	92
65) Chlorobenzene	11.661	112	42569	5.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	17036	5.948	ug/l	96
67) Ethyl Benzene	11.738	91	70669	5.646	ug/l	97
68) m/p-Xylenes	11.844	106	53591	10.918	ug/l	98
69) o-Xylene	12.173	106	23792	5.198	ug/l	96
70) Styrene	12.185	104	41419	5.273	ug/l	100
71) Bromoform	12.349	173	8811	5.662	ug/l #	98
73) Isopropylbenzene	12.467	105	67047	5.547	ug/l	99
74) N-amyl acetate	12.273	43	12831	5.245	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	14002	6.143	ug/l	94
76) 1,2,3-Trichloropropane	12.773	75	8928m	5.645	ug/l	
77) Bromobenzene	12.749	156	17356	5.897	ug/l	95
78) n-propylbenzene	12.808	91	83409	5.644	ug/l	97
79) 2-Chlorotoluene	12.896	91	49325	5.682	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	57566	5.580	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	3738	5.350	ug/l	97
82) 4-Chlorotoluene	12.991	91	51984	5.611	ug/l	96
83) tert-Butylbenzene	13.208	119	50856	5.654	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	55575	5.457	ug/l	100
85) sec-Butylbenzene	13.390	105	75139	5.660	ug/l	97
86) p-Isopropyltoluene	13.502	119	59684	5.441	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	38036	6.272	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	37494	6.223	ug/l	95
89) n-Butylbenzene	13.826	91	57775	5.586	ug/l	100
90) Hexachloroethane	14.096	117	13741	5.852	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	31212	5.956	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	2485	7.018	ug/l	84
93) 1,2,4-Trichlorobenzene	15.149	180	17963	5.869	ug/l	99
94) Hexachlorobutadiene	15.249	225	10471	6.038	ug/l	97
95) Naphthalene	15.384	128	29489	5.535	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	15386	5.788	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
Data File : VD073670.D
Acq On : 23 Jun 2022 16:50
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 24 06:59:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 24 06:54:43 2022
Response via : Initial Calibration

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

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

