

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072146.D
 Acq On : 11 Mar 2022 12:28
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 14 01:26:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 01:23:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	426776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	676852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	617621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	314040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	222483	42.621	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.240%		
35) Dibromofluoromethane	7.908	113	219885	49.552	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.100%		
50) Toluene-d8	10.332	98	840780	50.806	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.620%		
62) 4-Bromofluorobenzene	12.620	95	317288	53.929	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	212609	42.804	ug/l	97
3) Chloromethane	2.209	50	191639	33.357	ug/l	97
4) Vinyl Chloride	2.350	62	196859	33.028	ug/l	99
5) Bromomethane	2.768	94	116782	29.770	ug/l	92
6) Chloroethane	2.920	64	126166	33.392	ug/l	98
7) Trichlorofluoromethane	3.273	101	418139	46.557	ug/l	99
8) Diethyl Ether	3.715	74	107998	46.040	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	263340	51.176	ug/l	96
10) Methyl Iodide	4.303	142	229297	45.421	ug/l	99
11) Tert butyl alcohol	5.209	59	61226	160.661	ug/l #	95
12) 1,1-Dichloroethene	4.067	96	219666	47.710	ug/l	91
13) Acrolein	3.920	56	52629	119.345	ug/l	99
14) Allyl chloride	4.715	41	375765	43.429	ug/l	95
15) Acrylonitrile	5.420	53	260404	220.864	ug/l	99
16) Acetone	4.156	43	260311	188.870	ug/l	98
17) Carbon Disulfide	4.409	76	521899	34.009	ug/l	100
18) Methyl Acetate	4.715	43	112419	36.910	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	546715	49.536	ug/l	98
20) Methylene Chloride	4.962	84	276115	45.509	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	247118	46.235	ug/l	92
22) Diisopropyl ether	6.361	45	813407	47.627	ug/l #	94
23) Vinyl Acetate	6.303	43	2164580	232.998	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	487178	48.423	ug/l	99
25) 2-Butanone	7.203	43	338379	207.341	ug/l	93
26) 2,2-Dichloropropane	7.203	77	440383	51.984	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	297132	50.931	ug/l	95
28) Bromochloromethane	7.538	49	194076	50.758	ug/l	85
29) Tetrahydrofuran	7.556	42	203379	209.434	ug/l	93
30) Chloroform	7.703	83	507979	49.048	ug/l	95
31) Cyclohexane	7.979	56	417552	41.722	ug/l	89
32) 1,1,1-Trichloroethane	7.903	97	462804	50.307	ug/l	97
36) 1,1-Dichloropropene	8.108	75	377713	50.002	ug/l	98
37) Ethyl Acetate	7.285	43	148258	43.425	ug/l #	94
38) Carbon Tetrachloride	8.091	117	408700	53.777	ug/l	98
39) Methylcyclohexane	9.350	83	443371	50.713	ug/l	98
40) Benzene	8.344	78	1039211	50.835	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072146.D
 Acq On : 11 Mar 2022 12:28
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 14 01:26:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 01:23:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	88246	45.982	ug/l	91
42) 1,2-Dichloroethane	8.420	62	299971	47.230	ug/l	98
43) Isopropyl Acetate	8.444	43	285229	46.248	ug/l	95
44) Trichloroethene	9.108	130	292265	54.345	ug/l	98
45) 1,2-Dichloropropane	9.385	63	268667	50.923	ug/l	96
46) Dibromomethane	9.473	93	133083	48.788	ug/l	93
47) Bromodichloromethane	9.655	83	383810	52.328	ug/l	96
48) Methyl methacrylate	9.450	41	146543	44.952	ug/l	95
49) 1,4-Dioxane	9.450	88	30095	970.386	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	748119	232.244	ug/l	94
52) Toluene	10.397	92	693272	53.914	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	353115	52.698	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	414539	52.472	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	195936	53.098	ug/l	97
56) Ethyl methacrylate	10.655	69	238739	52.959	ug/l	89
57) 1,3-Dichloropropane	10.938	76	332939	51.071	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	505984	241.893	ug/l	97
59) 2-Hexanone	10.979	43	518884	224.878	ug/l	94
60) Dibromochloromethane	11.132	129	253141	55.190	ug/l	98
61) 1,2-Dibromoethane	11.238	107	181767	51.550	ug/l	100
64) Tetrachloroethene	10.873	164	241918	54.809	ug/l	95
65) Chlorobenzene	11.661	112	737907	55.750	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	284235	58.404	ug/l	98
67) Ethyl Benzene	11.738	91	1353676	55.896	ug/l	98
68) m/p-Xylenes	11.844	106	1035157	112.374	ug/l	100
69) o-Xylene	12.173	106	493563	58.478	ug/l	94
70) Styrene	12.185	104	835749	57.672	ug/l	99
71) Bromoform	12.349	173	145952	56.627	ug/l #	99
73) Isopropylbenzene	12.473	105	1380407	56.225	ug/l	100
74) N-amyl acetate	12.279	43	276142	47.706	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	217891	48.914	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	173697m	52.277	ug/l	
77) Bromobenzene	12.755	156	293208	53.886	ug/l	92
78) n-propylbenzene	12.808	91	1665565	54.539	ug/l	98
79) 2-Chlorotoluene	12.896	91	929399	53.743	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1147376	56.414	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	69903	52.207	ug/l	91
82) 4-Chlorotoluene	12.996	91	964482	53.539	ug/l	100
83) tert-Butylbenzene	13.214	119	1011071	59.252	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	1125642	56.359	ug/l	100
85) sec-Butylbenzene	13.391	105	1536779	57.801	ug/l	99
86) p-Isopropyltoluene	13.508	119	1268192	58.706	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	606734	54.737	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	601154	54.306	ug/l	99
89) n-Butylbenzene	13.832	91	1220795	57.622	ug/l	99
90) Hexachloroethane	14.096	117	236298	55.159	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	522065	55.055	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	35488	48.360	ug/l	89
93) 1,2,4-Trichlorobenzene	15.149	180	348494	61.292	ug/l	99
94) Hexachlorobutadiene	15.255	225	205955	64.921	ug/l	100
95) Naphthalene	15.385	128	594674	59.137	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	297395	61.269	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
Data File : VD072146.D
Acq On : 11 Mar 2022 12:28
Operator : VA/SY
Sample : VSTDICCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

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

Quant Time: Mar 14 01:26:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 01:23:26 2022
Response via : Initial Calibration

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

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

