

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073054.D
 Acq On : 17 May 2022 11:15
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:40:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:27:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	277319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	476779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	468585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	232073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	68756	19.825	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.660%#		
35) Dibromofluoromethane	7.909	113	64802	19.358	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.720%#		
50) Toluene-d8	10.332	98	232300	19.129	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	38.260%#		
62) 4-Bromofluorobenzene	12.620	95	86976	19.774	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	75296	21.713	ug/l	94
3) Chloromethane	2.209	50	76052	21.273	ug/l	100
4) Vinyl Chloride	2.350	62	70638	21.485	ug/l	97
5) Bromomethane	2.750	94	47702	20.427	ug/l	91
6) Chloroethane	2.915	64	41376	20.209	ug/l	98
7) Trichlorofluoromethane	3.268	101	124136	20.632	ug/l	96
8) Diethyl Ether	3.709	74	33186	20.157	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	73088	20.513	ug/l	97
10) Methyl Iodide	4.297	142	68545	19.046	ug/l	99
11) Tert butyl alcohol	5.185	59	62351	116.233	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	64771	20.103	ug/l	87
13) Acrolein	3.926	56	33754	116.169	ug/l	98
14) Allyl chloride	4.709	41	101052	19.796	ug/l	90
15) Acrylonitrile	5.415	53	77072	97.675	ug/l	98
16) Acetone	4.156	43	62894	100.214	ug/l	99
17) Carbon Disulfide	4.409	76	224018	20.760	ug/l	98
18) Methyl Acetate	4.715	43	35914	18.126	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	148187	19.667	ug/l	98
20) Methylene Chloride	4.962	84	91228	20.028	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	78691	20.532	ug/l	93
22) Diisopropyl ether	6.362	45	224597	20.499	ug/l	97
23) Vinyl Acetate	6.303	43	601076	101.549	ug/l	96
24) 1,1-Dichloroethane	6.262	63	137516	20.174	ug/l	99
25) 2-Butanone	7.203	43	95517	100.507	ug/l	93
26) 2,2-Dichloropropane	7.203	77	114823	19.897	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	84687	20.038	ug/l	93
28) Bromochloromethane	7.538	49	45325	19.411	ug/l	87
29) Tetrahydrofuran	7.562	42	60703	99.266	ug/l	94
30) Chloroform	7.703	83	146356	20.067	ug/l	94
31) Cyclohexane	7.979	56	126491	20.249	ug/l	90
32) 1,1,1-Trichloroethane	7.903	97	125360	20.063	ug/l	97
36) 1,1-Dichloropropene	8.109	75	107740	19.753	ug/l	97
37) Ethyl Acetate	7.291	43	44927	19.613	ug/l #	95
38) Carbon Tetrachloride	8.091	117	113053	20.259	ug/l	100
39) Methylcyclohexane	9.350	83	122369	19.240	ug/l	98
40) Benzene	8.344	78	312035	20.007	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073054.D
 Acq On : 17 May 2022 11:15
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:40:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:27:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	21767	16.851	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	89231	19.656	ug/l	97
43) Isopropyl Acetate	8.444	43	82656	19.408	ug/l #	93
44) Trichloroethene	9.103	130	82183	19.481	ug/l	93
45) 1,2-Dichloropropane	9.379	63	79810	19.705	ug/l	95
46) Dibromomethane	9.473	93	44683	19.952	ug/l	98
47) Bromodichloromethane	9.656	83	112554	19.788	ug/l	99
48) Methyl methacrylate	9.450	41	42633	20.181	ug/l	90
49) 1,4-Dioxane	9.456	88	9237	396.158	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	219107	98.583	ug/l	97
52) Toluene	10.397	92	197328	19.929	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	100153	19.306	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	122954	20.102	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	60967	19.944	ug/l	96
56) Ethyl methacrylate	10.656	69	64317	18.604	ug/l #	88
57) 1,3-Dichloropropane	10.938	76	102674	19.740	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	141891	90.416	ug/l	98
59) 2-Hexanone	10.979	43	142165	96.829	ug/l	98
60) Dibromochloromethane	11.132	129	76246	20.076	ug/l	100
61) 1,2-Dibromoethane	11.238	107	57843	19.664	ug/l	100
64) Tetrachloroethene	10.867	164	71384	20.793	ug/l	97
65) Chlorobenzene	11.661	112	214083	20.149	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	81725	20.136	ug/l	98
67) Ethyl Benzene	11.732	91	362623	19.602	ug/l	98
68) m/p-Xylenes	11.844	106	292507	40.797	ug/l	100
69) o-Xylene	12.173	106	133144	20.137	ug/l	94
70) Styrene	12.185	104	233924	20.255	ug/l	96
71) Bromoform	12.350	173	42144	19.722	ug/l #	99
73) Isopropylbenzene	12.467	105	344298	19.572	ug/l	100
74) N-amyl acetate	12.273	43	77941	18.959	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	69209	19.957	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	59759m	22.509	ug/l	
77) Bromobenzene	12.750	156	82817	19.732	ug/l	93
78) n-propylbenzene	12.808	91	444845	20.137	ug/l	100
79) 2-Chlorotoluene	12.897	91	258072	20.054	ug/l	97
80) 1,3,5-Trimethylbenzene	12.950	105	303523	20.254	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	21010	19.203	ug/l	87
82) 4-Chlorotoluene	12.991	91	272103	19.978	ug/l	99
83) tert-Butylbenzene	13.214	119	250689	19.749	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	303396	20.349	ug/l	99
85) sec-Butylbenzene	13.391	105	385154	19.989	ug/l	99
86) p-Isopropyltoluene	13.502	119	313439	19.999	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	173866	20.154	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	168931	19.817	ug/l	98
89) n-Butylbenzene	13.826	91	302595	19.853	ug/l	98
90) Hexachloroethane	14.097	117	65729	20.183	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	151097	20.194	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11289	20.942	ug/l	95
93) 1,2,4-Trichlorobenzene	15.144	180	86292	20.213	ug/l	98
94) Hexachlorobutadiene	15.249	225	46958	19.706	ug/l	97
95) Naphthalene	15.379	128	145879	18.864	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	73692	19.443	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073054.D
 Acq On : 17 May 2022 11:15
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:40:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:27:31 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\VD051722\
Data File : VD073054.D
Acq On : 17 May 2022 11:15
Operator : VA/SY
Sample : VSTDIC020
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Quant Time: May 18 04:40:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:27:31 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/18/2022
Supervised By : Mahesh Dadoda 05/18/2022

