

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073872.D
 Acq On : 19 Jul 2022 20:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

Quant Time: Jul 20 01:23:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	146433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	252017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	229338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	117655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	93911	53.707	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.420%			
35) Dibromofluoromethane	7.908	113	93517	52.599	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.200%			
50) Toluene-d8	10.326	98	335030	51.908	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.820%			
62) 4-Bromofluorobenzene	12.620	95	121246	54.637	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	71502	53.650	ug/l	98
3) Chloromethane	2.209	50	142317	67.358	ug/l	96
4) Vinyl Chloride	2.344	62	174685	51.761	ug/l	98
5) Bromomethane	2.756	94	76612	33.583	ug/l	98
6) Chloroethane	2.914	64	112236	49.339	ug/l	95
7) Trichlorofluoromethane	3.256	101	235267	77.956	ug/l	97
8) Diethyl Ether	3.697	74	40111	54.181	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.085	101	84835	50.660	ug/l	98
10) Methyl Iodide	4.285	142	94804	57.471	ug/l	93
11) Tert butyl alcohol	5.226	59	24940	266.023	ug/l #	92
12) 1,1-Dichloroethene	4.056	96	79784	53.616	ug/l	89
13) Acrolein	3.914	56	24595	303.019	ug/l	98
14) Allyl chloride	4.703	41	107208	49.358	ug/l #	91
15) Acrylonitrile	5.408	53	88776	293.815	ug/l	95
16) Acetone	4.156	43	62908	219.250	ug/l	96
17) Carbon Disulfide	4.397	76	242935	51.092	ug/l	99
18) Methyl Acetate	4.720	43	40928	61.060	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	197291	55.351	ug/l	94
20) Methylene Chloride	4.950	84	125061	67.170	ug/l #	84
21) trans-1,2-Dichloroethene	5.461	96	91451	51.986	ug/l	92
22) Diisopropyl ether	6.361	45	246296	53.285	ug/l #	92
23) Vinyl Acetate	6.297	43	711806	282.130	ug/l #	95
24) 1,1-Dichloroethane	6.255	63	155476	50.926	ug/l	96
25) 2-Butanone	7.202	43	106698	261.999	ug/l #	88
26) 2,2-Dichloropropane	7.197	77	127344	46.971	ug/l	96
27) cis-1,2-Dichloroethene	7.202	96	105937	53.491	ug/l	89
28) Bromochloromethane	7.538	49	64414	56.234	ug/l #	77
29) Tetrahydrofuran	7.561	42	73254	296.646	ug/l #	87
30) Chloroform	7.697	83	177181	52.725	ug/l	100
31) Cyclohexane	7.979	56	133448	48.030	ug/l	88
32) 1,1,1-Trichloroethane	7.897	97	166671	53.311	ug/l	94
36) 1,1-Dichloropropene	8.102	75	130374	50.830	ug/l	97
37) Ethyl Acetate	7.291	43	51928	56.305	ug/l #	94
38) Carbon Tetrachloride	8.091	117	132853	45.355	ug/l	99
39) Methylcyclohexane	9.344	83	151958	50.826	ug/l	96
40) Benzene	8.338	78	355990	51.014	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073872.D
 Acq On : 19 Jul 2022 20:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

Quant Time: Jul 20 01:23:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	30944	53.992	ug/l	89
42) 1,2-Dichloroethane	8.414	62	112202	52.536	ug/l	98
43) Isopropyl Acetate	8.444	43	102695	55.720	ug/l #	94
44) Trichloroethene	9.102	130	104572	53.695	ug/l	92
45) 1,2-Dichloropropane	9.379	63	87392	51.812	ug/l	96
46) Dibromomethane	9.461	93	56201	54.932	ug/l	100
47) Bromodichloromethane	9.649	83	136112	51.383	ug/l	100
48) Methyl methacrylate	9.449	41	49547	54.831	ug/l #	84
49) 1,4-Dioxane	9.455	88	13506	1261.661	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	261971	284.315	ug/l	93
52) Toluene	10.391	92	245668	52.308	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	120305	51.445	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	144447	53.382	ug/l #	87
55) 1,1,2-Trichloroethane	10.785	97	72245	55.513	ug/l	97
56) Ethyl methacrylate	10.649	69	86077	57.131	ug/l	89
57) 1,3-Dichloropropane	10.932	76	117125	52.919	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	182405	226.408	ug/l	92
59) 2-Hexanone	10.973	43	176709	280.670	ug/l	92
60) Dibromochloromethane	11.126	129	93494	53.032	ug/l	100
61) 1,2-Dibromoethane	11.232	107	71537	54.329	ug/l	98
64) Tetrachloroethene	10.867	164	89346	58.413	ug/l	96
65) Chlorobenzene	11.655	112	252806	53.522	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	97148	54.120	ug/l	100
67) Ethyl Benzene	11.732	91	467704	53.630	ug/l	99
68) m/p-Xylenes	11.843	106	381134	111.812	ug/l	95
69) o-Xylene	12.167	106	172840	54.159	ug/l	95
70) Styrene	12.179	104	305685	56.028	ug/l	97
71) Bromoform	12.343	173	54526	56.137	ug/l #	96
73) Isopropylbenzene	12.467	105	463389	52.000	ug/l	99
74) N-amyl acetate	12.273	43	99102	56.380	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	83113	53.961	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	66059m	52.329	ug/l	
77) Bromobenzene	12.743	156	106856	53.956	ug/l	86
78) n-propylbenzene	12.808	91	565488	52.018	ug/l	97
79) 2-Chlorotoluene	12.890	91	323158	52.990	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	399802	53.224	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	22338	47.749	ug/l	94
82) 4-Chlorotoluene	12.990	91	335443	52.013	ug/l	98
83) tert-Butylbenzene	13.208	119	344723	53.675	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	399396	53.381	ug/l	99
85) sec-Butylbenzene	13.385	105	518066	53.494	ug/l	99
86) p-Isopropyltoluene	13.502	119	436381	53.512	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	219571	52.944	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	217852	53.141	ug/l	99
89) n-Butylbenzene	13.826	91	401352	51.837	ug/l	99
90) Hexachloroethane	14.090	117	69474	43.114	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	188629	52.644	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	14088	54.469	ug/l	89
93) 1,2,4-Trichlorobenzene	15.137	180	111458	50.952	ug/l	99
94) Hexachlorobutadiene	15.249	225	58380	50.359	ug/l	97
95) Naphthalene	15.379	128	225793	57.426	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	99062	53.264	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
Data File : VD073872.D
Acq On : 19 Jul 2022 20:45
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

Quant Time: Jul 20 01:23:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 01:56:16 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\VD071922\
 Data File : VD073872.D
 Acq On : 19 Jul 2022 20:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 20 01:23:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

