

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062822\
 Data File : VD073742.D
 Acq On : 28 Jun 2022 09:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

06/30/2022
 Supervised By : Mahesh
 Dadoda

Quant Time: Jun 28 16:27:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062722S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 16:20:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	305347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	492275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	464294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	237160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	123749	49.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.680%
35) Dibromofluoromethane	7.908	113	132116	46.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.020%
50) Toluene-d8	10.332	98	441357	45.817	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.640%
62) 4-Bromofluorobenzene	12.620	95	187841	47.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	72001	46.302	ug/l	95
3) Chloromethane	2.209	50	65278	42.758	ug/l	95
4) Vinyl Chloride	2.350	62	72686	48.464	ug/l	97
5) Bromomethane	2.762	94	56089	51.002	ug/l	99
6) Chloroethane	2.920	64	54103	45.659	ug/l	93
7) Trichlorofluoromethane	3.267	101	196708	46.660	ug/l	98
8) Diethyl Ether	3.709	74	54157	46.953	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	116617	46.550	ug/l	99
10) Methyl Iodide	4.297	142	98855	45.377	ug/l	98
11) Tert butyl alcohol	5.203	59	83280	271.739	ug/l #	100
12) 1,1-Dichloroethene	4.061	96	92566	45.327	ug/l	89
13) Acrolein	3.914	56	8498	90.013	ug/l	93
14) Allyl chloride	4.709	41	140665	44.127	ug/l	97
15) Acrylonitrile	5.408	53	150472	249.807	ug/l	99
16) Acetone	4.150	43	134394	276.999	ug/l	99
17) Carbon Disulfide	4.403	76	153571	39.035	ug/l	98
18) Methyl Acetate	4.709	43	60484	45.652	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	310013	49.513	ug/l	97
20) Methylene Chloride	4.956	84	128650	41.659	ug/l	89
21) trans-1,2-Dichloroethene	5.461	96	111312	46.198	ug/l	96
22) Diisopropyl ether	6.361	45	402624	51.483	ug/l	99
23) Vinyl Acetate	6.297	43	1089960	268.244	ug/l	100
24) 1,1-Dichloroethane	6.255	63	234101	48.004	ug/l	99
25) 2-Butanone	7.208	43	187073	258.997	ug/l	97
26) 2,2-Dichloropropane	7.202	77	230325	49.604	ug/l	100
27) cis-1,2-Dichloroethene	7.202	96	148964	48.257	ug/l	97
28) Bromochloromethane	7.538	49	87528	48.065	ug/l	97
29) Tetrahydrofuran	7.555	42	113261	259.067	ug/l	99
30) Chloroform	7.702	83	278622	48.821	ug/l	97
31) Cyclohexane	7.979	56	150754	46.806	ug/l #	94
32) 1,1,1-Trichloroethane	7.891	97	245360	49.355	ug/l	99
36) 1,1-Dichloropropene	8.108	75	167189	47.248	ug/l	99
37) Ethyl Acetate	7.285	43	80553	49.958	ug/l	99
38) Carbon Tetrachloride	8.091	117	214379	49.439	ug/l	94
39) Methylcyclohexane	9.349	83	171557	47.688	ug/l	97
40) Benzene	8.344	78	499811	47.461	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062822\
 Data File : VD073742.D
 Acq On : 28 Jun 2022 09:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 28 16:27:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062722S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 16:20:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

06/30/2022
 Supervised By : Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	52531	54.381	ug/l	98
42) 1,2-Dichloroethane	8.414	62	167935	50.286	ug/l	98
43) Isopropyl Acetate	8.444	43	163974	52.073	ug/l	99
44) Trichloroethene	9.108	130	146954	48.228	ug/l	92
45) 1,2-Dichloropropane	9.379	63	140794	49.651	ug/l	98
46) Dibromomethane	9.467	93	79960	49.165	ug/l	98
47) Bromodichloromethane	9.649	83	219146	50.238	ug/l	95
48) Methyl methacrylate	9.444	41	79709	55.688	ug/l	98
49) 1,4-Dioxane	9.455	88	20387	1018.141	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	447289	268.381	ug/l	98
52) Toluene	10.396	92	352148	49.754	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	203744	51.412	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	223787	49.617	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	120509	50.361	ug/l	99
56) Ethyl methacrylate	10.655	69	146993	53.873	ug/l	96
57) 1,3-Dichloropropane	10.938	76	198790	51.252	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	254116	241.959	ug/l	99
59) 2-Hexanone	10.973	43	319855	282.716	ug/l	97
60) Dibromochloromethane	11.132	129	157194	49.825	ug/l	94
61) 1,2-Dibromoethane	11.238	107	112158	49.661	ug/l	98
64) Tetrachloroethene	10.867	164	119235	47.187	ug/l	94
65) Chlorobenzene	11.661	112	415360	50.517	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	168146	50.184	ug/l	97
67) Ethyl Benzene	11.738	91	717133	51.183	ug/l	96
68) m/p-Xylenes	11.843	106	554411	102.684	ug/l	96
69) o-Xylene	12.167	106	268569	52.666	ug/l	100
70) Styrene	12.185	104	486290	54.945	ug/l	99
71) Bromoform	12.349	173	97992	51.063	ug/l #	100
73) Isopropylbenzene	12.467	105	753534	52.887	ug/l	100
74) N-amyl acetate	12.279	43	169267	53.885	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	146353	50.955	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	105710m	59.577	ug/l	
77) Bromobenzene	12.749	156	180273	50.985	ug/l	98
78) n-propylbenzene	12.808	91	929567	52.469	ug/l	98
79) 2-Chlorotoluene	12.896	91	532790	51.136	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	640999	51.936	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	46257	53.099	ug/l	98
82) 4-Chlorotoluene	12.990	91	564709	51.527	ug/l	99
83) tert-Butylbenzene	13.208	119	579177	54.333	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	637628	52.254	ug/l	99
85) sec-Butylbenzene	13.390	105	853468	53.199	ug/l	100
86) p-Isopropyltoluene	13.502	119	710742	53.682	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	365235	50.692	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	364280	49.987	ug/l	99
89) n-Butylbenzene	13.826	91	660111	53.069	ug/l	99
90) Hexachloroethane	14.096	117	143240	51.119	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	324403	50.296	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	23632	49.879	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	198068	51.035	ug/l	99
94) Hexachlorobutadiene	15.249	225	114094	53.112	ug/l	95
95) Naphthalene	15.384	128	371517	52.404	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	174867	51.107	ug/l	98

06/30/2022

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062822\
Data File : VD073742.D
Acq On : 28 Jun 2022 09:41
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 16:27:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062722S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 27 16:20:04 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

06/30/2022
Supervised By :Mahesh
Dadoda

06/30/2022

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

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

