

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
 Data File : VD071376.D
 Acq On : 17 Dec 2021 09:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 19 01:50:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/19/2021
 Supervised By : Mahesh Dadoda 12/22/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	281259	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	472643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	451533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	228083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175640	53.220	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.440%			
35) Dibromofluoromethane	7.908	113	162163	53.879	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.760%			
50) Toluene-d8	10.332	98	549691	47.993	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.980%			
62) 4-Bromofluorobenzene	12.620	95	208102	52.415	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	93344	38.918	ug/l	97
3) Chloromethane	2.209	50	154774	48.777	ug/l	99
4) Vinyl Chloride	2.350	62	190470	53.803	ug/l	95
5) Bromomethane	2.761	94	127925	50.128	ug/l	96
6) Chloroethane	2.920	64	141253	58.013	ug/l	92
7) Trichlorofluoromethane	3.273	101	234651	48.929	ug/l	100
8) Diethyl Ether	3.703	74	66626	51.247	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.091	101	140121	49.524	ug/l	95
10) Methyl Iodide	4.297	142	129607	40.371	ug/l	95
11) Tert butyl alcohol	5.208	59	60713	295.370	ug/l #	92
12) 1,1-Dichloroethene	4.067	96	120508	46.153	ug/l	84
13) Acrolein	3.920	56	62296	276.223	ug/l	98
14) Allyl chloride	4.708	41	235627	47.510	ug/l #	77
15) Acrylonitrile	5.414	53	198487	313.922	ug/l	97
16) Acetone	4.150	43	250913	281.846	ug/l #	86
17) Carbon Disulfide	4.408	76	310940	40.674	ug/l	97
18) Methyl Acetate	4.708	43	143859	59.080	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	366010	57.198	ug/l	98
20) Methylene Chloride	4.961	84	164261	49.262	ug/l #	86
21) trans-1,2-Dichloroethene	5.467	96	143228	48.731	ug/l	94
22) Diisopropyl ether	6.355	45	558442	56.201	ug/l	92
23) Vinyl Acetate	6.297	43	1392211	258.103	ug/l	95
24) 1,1-Dichloroethane	6.255	63	304569	53.291	ug/l	98
25) 2-Butanone	7.202	43	284417	277.489	ug/l #	89
26) 2,2-Dichloropropane	7.202	77	258868	49.811	ug/l	94
27) cis-1,2-Dichloroethene	7.202	96	178269	53.612	ug/l	94
28) Bromochloromethane	7.538	49	137343	55.327	ug/l	91
29) Tetrahydrofuran	7.555	42	165587	315.977	ug/l	93
30) Chloroform	7.702	83	319313	55.670	ug/l	99
31) Cyclohexane	7.979	56	243310	43.342	ug/l	99
32) 1,1,1-Trichloroethane	7.896	97	275511	53.500	ug/l	94
36) 1,1-Dichloropropene	8.108	75	221768	50.203	ug/l	97
37) Ethyl Acetate	7.291	43	118749	62.232	ug/l #	92
38) Carbon Tetrachloride	8.091	117	237320	54.500	ug/l	95
39) Methylcyclohexane	9.349	83	241772	45.504	ug/l	98
40) Benzene	8.344	78	621020	51.756	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
 Data File : VD071376.D
 Acq On : 17 Dec 2021 09:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 19 01:50:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/19/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	65967	66.361	ug/l #	83
42) 1,2-Dichloroethane	8.414	62	215653	58.879	ug/l	94
43) Isopropyl Acetate	8.444	43	228358	53.929	ug/l #	90
44) Trichloroethene	9.108	130	166436	52.023	ug/l	97
45) 1,2-Dichloropropane	9.379	63	175702	55.680	ug/l	99
46) Dibromomethane	9.467	93	92830	56.702	ug/l	96
47) Bromodichloromethane	9.655	83	250349	57.822	ug/l	96
48) Methyl methacrylate	9.449	41	115830	62.014	ug/l #	79
49) 1,4-Dioxane	9.449	88	20032	1267.564	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	622662	284.550	ug/l	90
52) Toluene	10.396	92	403506	53.000	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	227038	57.035	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	258413	54.651	ug/l #	80
55) 1,1,2-Trichloroethane	10.790	97	125247	58.317	ug/l	96
56) Ethyl methacrylate	10.655	69	160083	51.564	ug/l #	73
57) 1,3-Dichloropropane	10.938	76	219484	58.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	395145	270.375	ug/l	98
59) 2-Hexanone	10.973	43	451120	274.336	ug/l	89
60) Dibromochloromethane	11.132	129	164189	61.511	ug/l	100
61) 1,2-Dibromoethane	11.237	107	118644	57.520	ug/l	97
64) Tetrachloroethene	10.867	164	131145	45.750	ug/l	93
65) Chlorobenzene	11.661	112	425521	50.791	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.737	131	164721	53.849	ug/l	98
67) Ethyl Benzene	11.737	91	798029	50.599	ug/l	99
68) m/p-Xylenes	11.843	106	602370	101.166	ug/l	96
69) o-Xylene	12.173	106	281774	50.350	ug/l	96
70) Styrene	12.185	104	504106	53.447	ug/l	97
71) Bromoform	12.349	173	95164	60.050	ug/l #	96
73) Isopropylbenzene	12.473	105	767733	46.487	ug/l	99
74) N-amyl acetate	12.279	43	209259	46.704	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	150555	55.357	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	97063m	44.666	ug/l	
77) Bromobenzene	12.749	156	174440	48.765	ug/l	96
78) n-propylbenzene	12.808	91	970327	47.179	ug/l	99
79) 2-Chlorotoluene	12.896	91	546575	47.350	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	654008	48.023	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	43146	46.850	ug/l #	78
82) 4-Chlorotoluene	12.996	91	573863	47.887	ug/l	100
83) tert-Butylbenzene	13.214	119	553702	47.342	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	650994	48.962	ug/l	97
85) sec-Butylbenzene	13.390	105	857949	48.028	ug/l	99
86) p-Isopropyltoluene	13.502	119	712526	48.768	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	356336	50.041	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	349598	49.554	ug/l	98
89) n-Butylbenzene	13.831	91	697728	48.920	ug/l	98
90) Hexachloroethane	14.096	117	138911	50.155	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	311322	51.410	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	25178	56.848	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	191683	50.746	ug/l	96
94) Hexachlorobutadiene	15.249	225	101713	47.591	ug/l	99
95) Naphthalene	15.384	128	362643	54.461	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	167265	52.136	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
Data File : VD071376.D
Acq On : 17 Dec 2021 09:51
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2021
Supervised By :Mahesh Dadoda 12/22/2021

Quant Time: Dec 19 01:50:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

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

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

