

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071475.D
 Acq On : 25 Dec 2021 23:15
 Operator : VA/SY
 Sample : M5181-03MSD
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MSD

Quant Time: Dec 27 04:08:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/27/2021
 Supervised By : Mahesh Dadoda 01/02/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	419248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	733861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	590213	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	1440460	50.000	ug/l	#-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	341080	61.257	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.520%			
35) Dibromofluoromethane	7.914	113	293115	59.430	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.860%			
50) Toluene-d8	10.338	98	976491	52.391	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.780%			
62) 4-Bromofluorobenzene	12.626	95	5333318	805.248	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 1610.500%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	215821	49.128	ug/l	98
3) Chloromethane	2.209	50	294952	52.435	ug/l	99
4) Vinyl Chloride	2.350	62	306871	45.523	ug/l	98
5) Bromomethane	2.773	94	201615	42.753	ug/l	99
6) Chloroethane	2.926	64	208874	46.690	ug/l	95
7) Trichlorofluoromethane	3.279	101	426493	51.681	ug/l	96
8) Diethyl Ether	3.709	74	138530	58.637	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	205916	42.890	ug/l	95
10) Methyl Iodide	4.303	142	281530	60.298	ug/l	95
11) Tert butyl alcohol	5.226	59	73140	155.689	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	231176	52.926	ug/l #	79
13) Acrolein	3.926	56	22892	85.110	ug/l #	58
14) Allyl chloride	4.714	41	469528	56.833	ug/l #	81
15) Acrylonitrile	5.420	53	331608	285.020	ug/l	96
16) Acetone	4.156	43	340134	243.204	ug/l #	88
17) Carbon Disulfide	4.414	76	608250	42.739	ug/l	99
18) Methyl Acetate	4.720	43	263333	61.004	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	666738	59.132	ug/l	96
20) Methylene Chloride	4.961	84	303256	58.369	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	267272	52.830	ug/l	92
22) Diisopropyl ether	6.361	45	962389	57.222	ug/l	93
23) Vinyl Acetate	6.303	43	1745995m	201.380	ug/l	
24) 1,1-Dichloroethane	6.261	63	545879	56.616	ug/l	98
25) 2-Butanone	7.208	43	438166	262.294	ug/l	89
26) 2,2-Dichloropropane	7.208	77	424069	53.529	ug/l	95
27) cis-1,2-Dichloroethene	7.214	96	314539	56.210	ug/l	92
28) Bromochloromethane	7.538	49	201551	51.011	ug/l	92
29) Tetrahydrofuran	7.561	42	272727	271.913	ug/l	92
30) Chloroform	7.708	83	553658	56.910	ug/l	92
31) Cyclohexane	7.985	56	310334	32.810	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	469631	54.430	ug/l	96
36) 1,1-Dichloropropene	8.108	75	370494	47.019	ug/l	96
37) Ethyl Acetate	7.291	43	181366	49.856	ug/l #	92
38) Carbon Tetrachloride	8.097	117	374412	48.162	ug/l	96
39) Methylcyclohexane	9.320	83	860103	93.246	ug/l #	32
40) Benzene	8.350	78	1067156	50.378	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071475.D
 Acq On : 25 Dec 2021 23:15
 Operator : VA/SY
 Sample : M5181-03MSD
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MSD

Quant Time: Dec 27 04:08:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/27/2021
 Supervised By : Mahesh Dadoda 01/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	132528	61.334	ug/l #	73
42) 1,2-Dichloroethane	8.420	62	381505	55.231	ug/l	94
43) Isopropyl Acetate	8.444	43	591532	81.938	ug/l #	74
44) Trichloroethene	9.108	130	268721	48.680	ug/l	87
45) 1,2-Dichloropropane	9.379	63	293695	53.431	ug/l	97
46) Dibromomethane	9.473	93	153197	50.448	ug/l	95
47) Bromodichloromethane	9.655	83	604529	78.408	ug/l	96
48) Methyl methacrylate	9.449	41	301305	84.341	ug/l #	65
49) 1,4-Dioxane	9.455	88	32275	940.509	ug/l #	38
51) 4-Methyl-2-Pentanone	10.220	43	995085	261.992	ug/l	89
52) Toluene	10.396	92	616067	45.783	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	377647	52.454	ug/l #	87
54) cis-1,3-Dichloropropene	10.085	75	443565	53.316	ug/l #	1
55) 1,1,2-Trichloroethane	10.773	97	1675815	434.756	ug/l #	41
56) Ethyl methacrylate	10.638	69	3922814	773.362	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	405283	57.401	ug/l #	88
58) 2-Chloroethyl Vinyl ether	9.938	63	586962	241.571	ug/l	100
59) 2-Hexanone	10.943	43	22457358	8364.849	ug/l #	31
60) Dibromochloromethane	11.132	129	256129m	52.859	ug/l	
61) 1,2-Dibromoethane	11.238	107	212603	55.686	ug/l #	73
64) Tetrachloroethene	10.867	164	164510	40.110	ug/l	96
65) Chlorobenzene	11.661	112	663271	54.786	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	231151	52.263	ug/l	97
67) Ethyl Benzene	11.738	91	894481	39.700	ug/l	96
68) m/p-Xylenes	11.849	106	662511	77.396	ug/l #	70
69) o-Xylene	12.173	106	339701	43.415	ug/l #	1
70) Styrene	12.185	104	577986	42.522	ug/l #	48
71) Bromoform	12.349	173	120114	50.187	ug/l #	99
73) Isopropylbenzene	12.479	105	597841	5.383	ug/l	93
74) N-amyl acetate	12.261	43	21311343m	715.270	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.708	83	5013518	249.704	ug/l #	58
76) 1,2,3-Trichloropropane	12.773	75	206813m	12.084	ug/l	
77) Bromobenzene	12.755	156	270782	10.958	ug/l #	2
78) n-propylbenzene	12.808	91	1196567m	8.596	ug/l	
79) 2-Chlorotoluene	12.902	91	1663979	21.390	ug/l #	52
80) 1,3,5-Trimethylbenzene	12.955	105	379232	4.140	ug/l	83
81) trans-1,4-Dichloro-2-b...	12.520	75	44406	7.331	ug/l #	1
82) 4-Chlorotoluene	12.996	91	847925	10.508	ug/l #	1
83) tert-Butylbenzene	13.220	119	1267556	16.194	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.267	105	274239	3.025	ug/l	94
85) sec-Butylbenzene	13.396	105	4224419	35.402	ug/l #	59
86) p-Isopropyltoluene	13.514	119	172488	1.742	ug/l #	51
87) 1,3-Dichlorobenzene	13.508	146	165455	3.325	ug/l #	1
88) 1,4-Dichlorobenzene	13.585	146	159029	3.259	ug/l #	1
89) n-Butylbenzene	13.837	91	513738	5.286	ug/l	82
90) Hexachloroethane	14.108	117	356627	19.014	ug/l #	18
91) 1,2-Dichlorobenzene	13.879	146	138734	3.285	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.508	75	46713	13.416	ug/l #	46
96) 1,2,3-Trichlorobenzene	15.596	180	23482	1.055	ug/l #	13

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

