

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
 Data File : VD071765.D
 Acq On : 20 Jan 2022 17:22
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 03:16:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	290386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	474802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	454890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	226397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206857	55.362	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.720%			
35) Dibromofluoromethane	7.914	113	176765	56.333	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.660%			
50) Toluene-d8	10.332	98	668035	56.873	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.740%			
62) 4-Bromofluorobenzene	12.620	95	234662	56.696	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	104733	47.566	ug/l	97
3) Chloromethane	2.209	50	140262	48.586	ug/l	99
4) Vinyl Chloride	2.350	62	176698	48.940	ug/l	90
5) Bromomethane	2.762	94	115717	47.948	ug/l	99
6) Chloroethane	2.921	64	128282	49.857	ug/l	99
7) Trichlorofluoromethane	3.274	101	246062	48.075	ug/l	95
8) Diethyl Ether	3.709	74	69169	51.382	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	147894	49.437	ug/l	99
10) Methyl Iodide	4.297	142	130664	45.682	ug/l	99
11) Tert butyl alcohol	5.215	59	62318	359.204	ug/l	98
12) 1,1-Dichloroethene	4.068	96	122347	47.129	ug/l	94
13) Acrolein	3.915	56	58857	161.390	ug/l	100
14) Allyl chloride	4.715	41	257722	50.068	ug/l	99
15) Acrylonitrile	5.420	53	193461	271.941	ug/l	99
16) Acetone	4.156	43	231668	268.553	ug/l	91
17) Carbon Disulfide	4.409	76	285233	43.832	ug/l	98
18) Methyl Acetate	4.715	43	138676	56.031	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	362585	52.912	ug/l	96
20) Methylene Chloride	4.962	84	165212	51.896	ug/l	98
21) trans-1,2-Dichloroethene	5.468	96	141103	47.596	ug/l	99
22) Diisopropyl ether	6.362	45	589811	53.213	ug/l	98
23) Vinyl Acetate	6.303	43	1461208	282.493	ug/l	100
24) 1,1-Dichloroethane	6.262	63	320061	50.589	ug/l	99
25) 2-Butanone	7.209	43	285531	280.145	ug/l	93
26) 2,2-Dichloropropane	7.203	77	265618	49.997	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	176653	50.485	ug/l	98
28) Bromochloromethane	7.544	49	149001	48.345	ug/l	97
29) Tetrahydrofuran	7.556	42	162765	277.597	ug/l	97
30) Chloroform	7.709	83	335115	51.798	ug/l	98
31) Cyclohexane	7.979	56	250611	48.463	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	289463	50.764	ug/l	98
36) 1,1-Dichloropropene	8.109	75	228579	51.067	ug/l	99
37) Ethyl Acetate	7.285	43	113792	54.776	ug/l	97
38) Carbon Tetrachloride	8.091	117	245775	54.220	ug/l	95
39) Methylcyclohexane	9.350	83	242211	50.098	ug/l	99
40) Benzene	8.344	78	641985	52.056	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	71324	55.559	ug/l	96
42) 1,2-Dichloroethane	8.420	62	226968	54.368	ug/l	98
43) Isopropyl Acetate	8.450	43	227496	58.176	ug/l	99
44) Trichloroethene	9.109	130	161963	51.031	ug/l	88
45) 1,2-Dichloropropane	9.379	63	182958	54.879	ug/l	98
46) Dibromomethane	9.467	93	91221	53.458	ug/l	96
47) Bromodichloromethane	9.656	83	261263	55.767	ug/l	98
48) Methyl methacrylate	9.450	41	104090	52.674	ug/l	99
49) 1,4-Dioxane	9.456	88	22594	1320.691	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	626086	303.103	ug/l	99
52) Toluene	10.397	92	421803	54.336	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	236167	57.466	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	270004	55.721	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	130158	58.184	ug/l	98
56) Ethyl methacrylate	10.656	69	165039	60.189	ug/l	95
57) 1,3-Dichloropropane	10.938	76	230578	55.778	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	416772	275.331	ug/l	100
59) 2-Hexanone	10.973	43	444060	307.797	ug/l	99
60) Dibromochloromethane	11.132	129	168458	59.162	ug/l	98
61) 1,2-Dibromoethane	11.238	107	119993	56.066	ug/l	96
64) Tetrachloroethene	10.873	164	136046	50.914	ug/l	96
65) Chlorobenzene	11.661	112	449290	51.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	171660	52.009	ug/l	98
67) Ethyl Benzene	11.738	91	837479	52.406	ug/l	100
68) m/p-Xylenes	11.844	106	637249	107.217	ug/l	98
69) o-Xylene	12.173	106	299524	53.243	ug/l	99
70) Styrene	12.185	104	534400	55.422	ug/l	99
71) Bromoform	12.350	173	92520	57.408	ug/l #	100
73) Isopropylbenzene	12.467	105	832718	51.182	ug/l	99
74) N-amyl acetate	12.279	43	229013	57.384	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	153454	53.227	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	125657m	57.440	ug/l	
77) Bromobenzene	12.750	156	178447	50.776	ug/l	98
78) n-propylbenzene	12.808	91	1062599	51.931	ug/l	99
79) 2-Chlorotoluene	12.897	91	577402	50.067	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	693717	51.032	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	44599	56.836	ug/l	93
82) 4-Chlorotoluene	12.997	91	608572	50.865	ug/l	98
83) tert-Butylbenzene	13.214	119	611948	52.682	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	696927	51.842	ug/l	99
85) sec-Butylbenzene	13.391	105	920744	51.753	ug/l	100
86) p-Isopropyltoluene	13.502	119	774012	52.989	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	377429	52.040	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	367489	49.667	ug/l	99
89) n-Butylbenzene	13.832	91	764400	52.254	ug/l	99
90) Hexachloroethane	14.097	117	149551	51.748	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	329464	53.005	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	25858	55.804	ug/l	98
93) 1,2,4-Trichlorobenzene	15.144	180	191255	53.391	ug/l	98
94) Hexachlorobutadiene	15.249	225	107887	51.375	ug/l	99
95) Naphthalene	15.379	128	361014	56.922	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	169560	55.550	ug/l	99

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

