

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071835.D
 Acq On : 28 Jan 2022 20:29
 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 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Quant Time: Jan 29 04:53:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	354090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	610457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	595106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	291881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	270317	60.399	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.800%			
35) Dibromofluoromethane	7.914	113	238362	59.402	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.800%			
50) Toluene-d8	10.338	98	877100	58.527	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.060%			
62) 4-Bromofluorobenzene	12.620	95	310968	59.420	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	168987	40.245	ug/l	94
3) Chloromethane	2.215	50	241499	48.038	ug/l	96
4) Vinyl Chloride	2.350	62	237900	45.201	ug/l	99
5) Bromomethane	2.768	94	160600	46.247	ug/l	89
6) Chloroethane	2.921	64	166479	49.913	ug/l	95
7) Trichlorofluoromethane	3.273	101	343676	45.564	ug/l	94
8) Diethyl Ether	3.709	74	106744	53.635	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	202431	47.571	ug/l	99
10) Methyl Iodide	4.303	142	199293	45.684	ug/l	99
11) Tert butyl alcohol	5.226	59	75749	290.910	ug/l	99
12) 1,1-Dichloroethene	4.068	96	183926	47.280	ug/l	93
13) Acrolein	3.921	56	99260	249.701	ug/l	99
14) Allyl chloride	4.715	41	379718	51.208	ug/l	100
15) Acrylonitrile	5.420	53	285709	282.460	ug/l	98
16) Acetone	4.156	43	329458	268.917	ug/l	94
17) Carbon Disulfide	4.409	76	614325	45.289	ug/l	99
18) Methyl Acetate	4.720	43	141308	53.347	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	534251	57.407	ug/l	97
20) Methylene Chloride	4.962	84	244976	55.169	ug/l	98
21) trans-1,2-Dichloroethene	5.479	96	230562	50.911	ug/l	97
22) Diisopropyl ether	6.362	45	862783	59.365	ug/l	97
23) Vinyl Acetate	6.303	43	2317705	289.081	ug/l	100
24) 1,1-Dichloroethane	6.267	63	458800	54.161	ug/l	98
25) 2-Butanone	7.214	43	407552	285.355	ug/l	97
26) 2,2-Dichloropropane	7.209	77	336092	47.944	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	269594	55.425	ug/l	98
28) Bromochloromethane	7.544	49	164673	51.539	ug/l	100
29) Tetrahydrofuran	7.561	42	242799	287.314	ug/l	98
30) Chloroform	7.709	83	467983	54.075	ug/l	99
31) Cyclohexane	7.985	56	385131	45.075	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	381109	49.927	ug/l	98
36) 1,1-Dichloropropene	8.109	75	340124	49.385	ug/l	99
37) Ethyl Acetate	7.291	43	174338	54.445	ug/l	98
38) Carbon Tetrachloride	8.097	117	332052	48.752	ug/l	98
39) Methylcyclohexane	9.355	83	381424	47.796	ug/l	99
40) Benzene	8.350	78	968994	52.121	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	80394	44.379	ug/l #	75
42) 1,2-Dichloroethane	8.420	62	322915	55.006	ug/l	100
43) Isopropyl Acetate	8.450	43	317777	55.217	ug/l	99
44) Trichloroethene	9.108	130	245543	51.153	ug/l	98
45) 1,2-Dichloropropane	9.385	63	264491	55.175	ug/l	95
46) Dibromomethane	9.467	93	140042	55.794	ug/l	98
47) Bromodichloromethane	9.661	83	364446	54.902	ug/l	97
48) Methyl methacrylate	9.456	41	154824	50.832	ug/l	90
49) 1,4-Dioxane	9.456	88	31806	1110.196	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	870942	289.188	ug/l	100
52) Toluene	10.397	92	619291	53.569	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	335150	54.971	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	383561	53.670	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	185530	55.694	ug/l	95
56) Ethyl methacrylate	10.655	69	242462	58.787	ug/l	97
57) 1,3-Dichloropropane	10.938	76	339391	57.069	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	490789	252.778	ug/l	99
59) 2-Hexanone	10.979	43	629653	288.052	ug/l	98
60) Dibromochloromethane	11.132	129	233932	56.868	ug/l	98
61) 1,2-Dibromoethane	11.238	107	177120	55.186	ug/l	99
64) Tetrachloroethene	10.873	164	200656	47.667	ug/l	91
65) Chlorobenzene	11.661	112	648924	51.543	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	241524	52.733	ug/l	98
67) Ethyl Benzene	11.738	91	1185070	51.155	ug/l	99
68) m/p-Xylenes	11.844	106	917630	104.140	ug/l	100
69) o-Xylene	12.173	106	427090	53.336	ug/l	100
70) Styrene	12.185	104	762804	55.267	ug/l	99
71) Bromoform	12.355	173	130224	53.251	ug/l #	100
73) Isopropylbenzene	12.473	105	1113964	49.287	ug/l	100
74) N-amyl acetate	12.279	43	297925	53.600	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	211485	50.564	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	147099m	47.821	ug/l	
77) Bromobenzene	12.749	156	256463	51.010	ug/l	99
78) n-propylbenzene	12.814	91	1406154	49.616	ug/l	100
79) 2-Chlorotoluene	12.897	91	805966	50.184	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	953592	50.867	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	61031	48.784	ug/l	97
82) 4-Chlorotoluene	12.996	91	853661	51.090	ug/l	99
83) tert-Butylbenzene	13.214	119	787384	50.679	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	960896	52.106	ug/l	100
85) sec-Butylbenzene	13.391	105	1197635	49.265	ug/l	100
86) p-Isopropyltoluene	13.508	119	1013687	51.314	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	524344	51.360	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	509193	49.975	ug/l	99
89) n-Butylbenzene	13.832	91	971579	50.129	ug/l	100
90) Hexachloroethane	14.096	117	196429	50.024	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	449574	51.458	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	35826	51.720	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	262662	51.464	ug/l	100
94) Hexachlorobutadiene	15.249	225	136041	48.884	ug/l	98
95) Naphthalene	15.385	128	504191	49.734	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	232215	53.082	ug/l	99

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

