

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
 Data File : VD072005.D
 Acq On : 17 Feb 2022 10:18
 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: Feb 18 06:34:38 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/18/2022
 Supervised By :Mahesh Dadoda 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	368380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	619756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	583913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	300045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245532	52.733	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.460%			
35) Dibromofluoromethane	7.908	113	220990	54.246	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.500%			
50) Toluene-d8	10.332	98	764695	50.261	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.520%			
62) 4-Bromofluorobenzene	12.620	95	282118	53.099	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	198864	45.523	ug/l	98
3) Chloromethane	2.215	50	255487	48.850	ug/l	97
4) Vinyl Chloride	2.350	62	321587	58.732	ug/l	96
5) Bromomethane	2.767	94	213236	59.023	ug/l	93
6) Chloroethane	2.920	64	214460	61.804	ug/l	97
7) Trichlorofluoromethane	3.273	101	376218	47.943	ug/l	97
8) Diethyl Ether	3.709	74	105184	50.801	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	220084	49.713	ug/l	97
10) Methyl Iodide	4.297	142	234983	51.776	ug/l	99
11) Tert butyl alcohol	5.226	59	63148	223.206	ug/l	96
12) 1,1-Dichloroethene	4.067	96	197260	48.741	ug/l	94
13) Acrolein	3.920	56	87818	212.348	ug/l	97
14) Allyl chloride	4.708	41	408999	53.017	ug/l	96
15) Acrylonitrile	5.420	53	283762	269.653	ug/l	99
16) Acetone	4.156	43	361540	283.656	ug/l	99
17) Carbon Disulfide	4.409	76	606637	42.988	ug/l	100
18) Methyl Acetate	4.714	43	131974	47.891	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	529459	54.685	ug/l	99
20) Methylene Chloride	4.961	84	235131	50.585	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	238142	50.545	ug/l	96
22) Diisopropyl ether	6.361	45	872792	57.724	ug/l	98
23) Vinyl Acetate	6.303	43	2485896	298.031	ug/l	100
24) 1,1-Dichloroethane	6.267	63	471747	53.529	ug/l	97
25) 2-Butanone	7.208	43	410141	276.028	ug/l	97
26) 2,2-Dichloropropane	7.202	77	401455	55.047	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	269019	53.162	ug/l	97
28) Bromochloromethane	7.544	49	168516	50.696	ug/l	96
29) Tetrahydrofuran	7.555	42	242543	275.877	ug/l	98
30) Chloroform	7.708	83	475074	52.765	ug/l	97
31) Cyclohexane	7.979	56	423453	47.638	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	415651	52.339	ug/l	96
36) 1,1-Dichloropropene	8.108	75	357636	51.148	ug/l	98
37) Ethyl Acetate	7.285	43	177805	54.695	ug/l	96
38) Carbon Tetrachloride	8.091	117	360979	52.204	ug/l	98
39) Methylcyclohexane	9.349	83	407010	50.237	ug/l	97
40) Benzene	8.344	78	988778	52.387	ug/l	99

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41) Methacrylonitrile	7.520	41	116333	63.255	ug/l	94
42) 1,2-Dichloroethane	8.420	62	317227	53.227	ug/l	99
43) Isopropyl Acetate	8.449	43	325379	55.689	ug/l	100
44) Trichloroethene	9.108	130	240515	49.354	ug/l	95
45) 1,2-Dichloropropane	9.385	63	266641	54.789	ug/l	93
46) Dibromomethane	9.467	93	137153	53.823	ug/l	96
47) Bromodichloromethane	9.655	83	366436	54.373	ug/l	95
48) Methyl methacrylate	9.449	41	168980	54.648	ug/l	92
49) 1,4-Dioxane	9.455	88	30695	1055.341	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	875653	286.390	ug/l	98
52) Toluene	10.396	92	623163	53.096	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	330228	53.351	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	385011	53.065	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	179816	53.169	ug/l	97
56) Ethyl methacrylate	10.655	69	238483	56.954	ug/l	99
57) 1,3-Dichloropropane	10.938	76	327108	54.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	515192	261.366	ug/l	98
59) 2-Hexanone	10.979	43	643620	290.024	ug/l	96
60) Dibromochloromethane	11.132	129	220226	52.733	ug/l	99
61) 1,2-Dibromoethane	11.238	107	171169	52.531	ug/l	99
64) Tetrachloroethene	10.873	164	194042	46.980	ug/l	96
65) Chlorobenzene	11.661	112	640880	51.880	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	237598	52.870	ug/l	99
67) Ethyl Benzene	11.738	91	1221872	53.755	ug/l	100
68) m/p-Xylenes	11.843	106	926375	107.148	ug/l	97
69) o-Xylene	12.173	106	431648	54.938	ug/l	99
70) Styrene	12.185	104	748063	55.238	ug/l	99
71) Bromoform	12.349	173	123837	51.610	ug/l #	99
73) Isopropylbenzene	12.473	105	1164901	50.138	ug/l	99
74) N-amyl acetate	12.279	43	306223	53.594	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	207149	48.179	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	172231m	54.467	ug/l	
77) Bromobenzene	12.749	156	246300	47.656	ug/l	99
78) n-propylbenzene	12.814	91	1472276	50.536	ug/l	98
79) 2-Chlorotoluene	12.896	91	813732	49.289	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	984220	51.072	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	60163	46.781	ug/l	98
82) 4-Chlorotoluene	12.996	91	850166	49.497	ug/l	98
83) tert-Butylbenzene	13.214	119	824925	51.651	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	968944	51.113	ug/l	99
85) sec-Butylbenzene	13.390	105	1264251	50.590	ug/l	100
86) p-Isopropyltoluene	13.508	119	1052269	51.818	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	503148	47.943	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	496418	47.396	ug/l	99
89) n-Butylbenzene	13.832	91	1044509	52.426	ug/l	98
90) Hexachloroethane	14.096	117	202957	50.280	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	427123	47.558	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	33098	46.482	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	251297	47.898	ug/l	100
94) Hexachlorobutadiene	15.249	225	132499	46.316	ug/l	99
95) Naphthalene	15.384	128	479602	46.130	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	218198	48.521	ug/l	100

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

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