

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073400.D
 Acq On : 26 May 2022 20:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 27 01:34:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	91	0.00
2 T	Dichlorodifluoromethane	50.000	66.529	-33.1#	137	0.00
3 P	Chloromethane	50.000	61.326	-22.7	127	0.00
4 C	Vinyl Chloride	50.000	62.135	-24.3#	121	0.00
5 T	Bromomethane	50.000	64.795	-29.6#	114	-0.01
6 T	Chloroethane	50.000	61.510	-23.0	119	0.00
7 T	Trichlorofluoromethane	50.000	59.625	-19.3	115	0.00
8 T	Diethyl Ether	50.000	69.382	-38.8#	128	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	59.004	-18.0	116	0.00
10 T	Methyl Iodide	50.000	64.662	-29.3#	118	0.00
11 T	Tert butyl alcohol	250.000	190.189	23.9	133	0.00
12 CM	1,1-Dichloroethene	50.000	63.739	-27.5#	120	0.00
13 T	Acrolein	250.000	164.643	34.1#	64	0.00
14 T	Allyl chloride	50.000	64.542	-29.1#	121	0.00
15 T	Acrylonitrile	250.000	347.635	-39.1#	129	0.00
16 T	Acetone	250.000	294.322	-17.7	123	0.00
17 T	Carbon Disulfide	50.000	63.983	-28.0#	124	0.00
18 T	Methyl Acetate	50.000	70.707	-41.4#	138	0.00
19 T	Methyl tert-butyl Ether	50.000	67.814	-35.6#	125	0.00
20 T	Methylene Chloride	50.000	68.370	-36.7#	125	0.00
21 T	trans-1,2-Dichloroethene	50.000	63.766	-27.5#	119	0.00
22 T	Diisopropyl ether	50.000	65.193	-30.4#	118	0.00
23 T	Vinyl Acetate	250.000	342.749	-37.1#	124	0.00
24 P	1,1-Dichloroethane	50.000	61.456	-22.9	118	0.00
25 T	2-Butanone	250.000	330.634	-32.3#	127	0.00
26 T	2,2-Dichloropropane	50.000	52.925	-5.8	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	64.997	-30.0#	121	0.00
28 T	Bromochloromethane	50.000	49.680	0.6	92	0.00
29 T	Tetrahydrofuran	250.000	355.792	-42.3#	133	0.00
30 C	Chloroform	50.000	61.809	-23.6#	118	0.00
31 T	Cyclohexane	50.000	58.277	-16.6	113	0.00
32 T	1,1,1-Trichloroethane	50.000	59.897	-19.8	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.954	-5.9	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	53.823	-7.6	100	0.00
36 T	1,1-Dichloropropene	50.000	60.530	-21.1	116	0.00
37 T	Ethyl Acetate	50.000	67.118	-34.2#	131	0.00
38 T	Carbon Tetrachloride	50.000	59.617	-19.2	112	0.00
39 T	Methylcyclohexane	50.000	63.744	-27.5#	117	0.00
40 TM	Benzene	50.000	62.545	-25.1#	120	0.00
41 T	Methacrylonitrile	50.000	68.157	-36.3#	149	0.00
42 TM	1,2-Dichloroethane	50.000	62.396	-24.8	120	0.00
43 T	Isopropyl Acetate	50.000	68.617	-37.2#	129	0.00
44 TM	Trichloroethene	50.000	62.450	-24.9	119	0.00
45 C	1,2-Dichloropropane	50.000	62.082	-24.2#	118	0.00
46 T	Dibromomethane	50.000	63.555	-27.1#	122	0.00
47 T	Bromodichloromethane	50.000	61.537	-23.1	118	0.00
48 T	Methyl methacrylate	50.000	68.418	-36.8#	128	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1418.714	-41.9#	136	0.00
50 S	Toluene-d8	50.000	53.049	-6.1	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	353.210	-41.3#	132	0.00
52 CM	Toluene	50.000	64.539	-29.1#	119	0.00
53 T	t-1,3-Dichloropropene	50.000	63.565	-27.1#	122	0.00
54 T	cis-1,3-Dichloropropene	50.000	62.948	-25.9#	119	0.00
55 T	1,1,2-Trichloroethane	50.000	64.413	-28.8#	124	0.00
56 T	Ethyl methacrylate	50.000	73.801	-47.6#	130	0.00
57 T	1,3-Dichloropropane	50.000	65.453	-30.9#	122	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	285.424	-14.2	116	0.00
59 T	2-Hexanone	250.000	357.987	-43.2#	131	0.00
60 T	Dibromochloromethane	50.000	63.607	-27.2#	122	0.00
61 T	1,2-Dibromoethane	50.000	65.323	-30.6#	126	0.00
62 S	4-Bromofluorobenzene	50.000	56.351	-12.7	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	61.254	-22.5	121	0.00
65 PM	Chlorobenzene	50.000	62.641	-25.3#	123	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	62.793	-25.6#	122	0.00
67 C	Ethyl Benzene	50.000	63.678	-27.4#	119	0.00
68 T	m/p-Xylenes	100.000	128.681	-28.7#	119	0.00
69 T	o-Xylene	50.000	64.848	-29.7#	121	0.00
70 T	Styrene	50.000	66.264	-32.5#	122	0.00
71 P	Bromoform	50.000	66.772	-33.5#	131	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	63.331	-26.7#	119	0.00
74 T	N-amyl acetate	50.000	67.529	-35.1#	130	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	63.190	-26.4#	127	0.00
76 T	1,2,3-Trichloropropane	50.000	59.132	-18.3	118	0.00
77 T	Bromobenzene	50.000	62.700	-25.4#	124	0.00
78 T	n-propylbenzene	50.000	61.690	-23.4	116	0.00
79 T	2-Chlorotoluene	50.000	61.849	-23.7	120	0.00
80 T	1,3,5-Trimethylbenzene	50.000	63.467	-26.9#	120	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	61.769	-23.5	119	0.00
82 T	4-Chlorotoluene	50.000	61.806	-23.6	119	0.00
83 T	tert-Butylbenzene	50.000	64.211	-28.4#	122	0.00
84 T	1,2,4-Trimethylbenzene	50.000	63.407	-26.8#	121	0.00
85 T	sec-Butylbenzene	50.000	61.160	-22.3	117	0.00
86 T	p-Isopropyltoluene	50.000	62.039	-24.1	117	0.00
87 T	1,3-Dichlorobenzene	50.000	60.810	-21.6	120	0.00
88 T	1,4-Dichlorobenzene	50.000	59.783	-19.6	121	0.00
89 T	n-Butylbenzene	50.000	62.548	-25.1#	117	0.00
90 T	Hexachloroethane	50.000	59.545	-19.1	119	0.00
91 T	1,2-Dichlorobenzene	50.000	61.959	-23.9	122	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	64.781	-29.6#	132	0.00
93 T	1,2,4-Trichlorobenzene	50.000	65.035	-30.1#	124	0.00
94 T	Hexachlorobutadiene	50.000	57.233	-14.5	118	0.00
95 T	Naphthalene	50.000	65.973	-31.9#	141	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	66.092	-32.2#	127	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6