

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073315.D
 Acq On : 24 May 2022 07:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 24 08:19:00 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	40.961	18.1	81	0.00
3 P	Chloromethane	50.000	42.266	15.5	84	0.00
4 C	Vinyl Chloride	50.000	44.683	10.6#	83	0.00
5 T	Bromomethane	50.000	51.492	-3.0	88	0.00
6 T	Chloroethane	50.000	48.653	2.7	90	0.00
7 T	Trichlorofluoromethane	50.000	47.023	6.0	87	0.00
8 T	Diethyl Ether	50.000	56.219	-12.4	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.167	7.7	87	-0.01
10 T	Methyl Iodide	50.000	50.427	-0.9	88	0.00
11 T	Tert butyl alcohol	250.000	195.165	21.9	130	0.00
12 CM	1,1-Dichloroethene	50.000	48.591	2.8#	87	0.00
13 T	Acrolein	250.000	235.404	5.8	85	0.00
14 T	Allyl chloride	50.000	50.604	-1.2	91	0.00
15 T	Acrylonitrile	250.000	322.954	-29.2#	115	0.00
16 T	Acetone	250.000	267.971	-7.2	107	0.00
17 T	Carbon Disulfide	50.000	41.935	16.1	78	0.00
18 T	Methyl Acetate	50.000	62.270	-24.5	116	0.00
19 T	Methyl tert-butyl Ether	50.000	59.793	-19.6	105	0.00
20 T	Methylene Chloride	50.000	65.345	-30.7#	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.538	-3.1	92	0.00
22 T	Diisopropyl ether	50.000	57.146	-14.3	99	0.00
23 T	Vinyl Acetate	250.000	300.857	-20.3	104	0.00
24 P	1,1-Dichloroethane	50.000	52.984	-6.0	97	0.00
25 T	2-Butanone	250.000	307.009	-22.8	113	0.00
26 T	2,2-Dichloropropane	50.000	42.032	15.9	77	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.338	-6.7	95	0.00
28 T	Bromochloromethane	50.000	53.115	-6.2	94	0.00
29 T	Tetrahydrofuran	250.000	311.800	-24.7	111	0.00
30 C	Chloroform	50.000	53.780	-7.6#	98	0.00
31 T	Cyclohexane	50.000	43.151	13.7	80	0.00
32 T	1,1,1-Trichloroethane	50.000	51.488	-3.0	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.791	-9.6	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	53.550	-7.1	98	0.00
36 T	1,1-Dichloropropene	50.000	48.475	3.0	91	0.00
37 T	Ethyl Acetate	50.000	56.485	-13.0	108	0.00
38 T	Carbon Tetrachloride	50.000	49.356	1.3	91	0.00
39 T	Methylcyclohexane	50.000	45.411	9.2	82	0.00
40 TM	Benzene	50.000	51.509	-3.0	97	0.00
41 T	Methacrylonitrile	50.000	60.929	-21.9	131	0.00
42 TM	1,2-Dichloroethane	50.000	53.556	-7.1	101	0.00
43 T	Isopropyl Acetate	50.000	59.821	-19.6	110	0.00
44 TM	Trichloroethene	50.000	50.254	-0.5	94	0.00
45 C	1,2-Dichloropropane	50.000	53.372	-6.7#	100	0.00
46 T	Dibromomethane	50.000	54.182	-8.4	102	0.00
47 T	Bromodichloromethane	50.000	53.845	-7.7	101	0.00
48 T	Methyl methacrylate	50.000	55.622	-11.2	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1235.327	-23.5	116	0.00
50 S	Toluene-d8	50.000	53.201	-6.4	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	314.320	-25.7#	115	0.00
52 CM	Toluene	50.000	52.988	-6.0#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	54.053	-8.1	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.317	-4.6	97	0.00
55 T	1,1,2-Trichloroethane	50.000	56.860	-13.7	107	0.00
56 T	Ethyl methacrylate	50.000	63.079	-26.2#	109	0.00
57 T	1,3-Dichloropropane	50.000	56.706	-13.4	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	275.947	-10.4	110	0.00
59 T	2-Hexanone	250.000	321.929	-28.8#	116	0.00
60 T	Dibromochloromethane	50.000	57.151	-14.3	107	0.00
61 T	1,2-Dibromoethane	50.000	56.918	-13.8	108	0.00
62 S	4-Bromofluorobenzene	50.000	55.895	-11.8	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	49.503	1.0	96	0.00
65 PM	Chlorobenzene	50.000	52.093	-4.2	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.602	-9.2	104	0.00
67 C	Ethyl Benzene	50.000	52.747	-5.5#	97	0.00
68 T	m/p-Xylenes	100.000	106.292	-6.3	96	0.00
69 T	o-Xylene	50.000	54.334	-8.7	99	0.00
70 T	Styrene	50.000	55.887	-11.8	100	0.00
71 P	Bromoform	50.000	58.091	-16.2	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	53.365	-6.7	97	0.00
74 T	N-amyl acetate	50.000	58.953	-17.9	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	58.260	-16.5	113	0.00
76 T	1,2,3-Trichloropropane	50.000	55.465	-10.9	107	0.00
77 T	Bromobenzene	50.000	53.612	-7.2	103	0.00
78 T	n-propylbenzene	50.000	52.290	-4.6	95	0.00
79 T	2-Chlorotoluene	50.000	52.963	-5.9	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.584	-7.2	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.816	-5.6	98	0.00
82 T	4-Chlorotoluene	50.000	53.681	-7.4	100	0.00
83 T	tert-Butylbenzene	50.000	54.057	-8.1	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.533	-9.1	101	0.00
85 T	sec-Butylbenzene	50.000	52.721	-5.4	97	0.00
86 T	p-Isopropyltoluene	50.000	53.380	-6.8	98	0.00
87 T	1,3-Dichlorobenzene	50.000	52.516	-5.0	101	0.00
88 T	1,4-Dichlorobenzene	50.000	51.936	-3.9	102	0.00
89 T	n-Butylbenzene	50.000	51.759	-3.5	94	0.00
90 T	Hexachloroethane	50.000	52.246	-4.5	101	0.00
91 T	1,2-Dichlorobenzene	50.000	54.572	-9.1	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.072	-14.1	113	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.751	-9.5	101	0.00
94 T	Hexachlorobutadiene	50.000	49.829	0.3	99	0.00
95 T	Naphthalene	50.000	55.648	-11.3	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.675	-11.3	103	0.00

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