

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072801.D
 Acq On : 05 May 2022 10:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 06 03:46:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	44.251	11.5	94	0.00
3 P	Chloromethane	50.000	41.528	16.9	91	0.00
4 C	Vinyl Chloride	50.000	46.446	7.1#	95	0.00
5 T	Bromomethane	50.000	49.153	1.7	102	0.00
6 T	Chloroethane	50.000	44.358	11.3	96	0.00
7 T	Trichlorofluoromethane	50.000	45.375	9.3	96	0.00
8 T	Diethyl Ether	50.000	45.014	10.0	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.308	7.4	99	0.00
10 T	Methyl Iodide	50.000	43.896	12.2	88	0.00
11 T	Tert butyl alcohol	250.000	211.765	15.3	104	-0.01
12 CM	1,1-Dichloroethene	50.000	46.148	7.7#	98	0.00
13 T	Acrolein	250.000	219.038	12.4	94	0.00
14 T	Allyl chloride	50.000	46.931	6.1	97	0.00
15 T	Acrylonitrile	250.000	225.826	9.7	95	0.00
16 T	Acetone	250.000	284.208	-13.7	103	0.00
17 T	Carbon Disulfide	50.000	44.596	10.8	94	0.00
18 T	Methyl Acetate	50.000	47.231	5.5	100	0.00
19 T	Methyl tert-butyl Ether	50.000	47.804	4.4	97	0.00
20 T	Methylene Chloride	50.000	48.003	4.0	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.832	4.3	99	0.00
22 T	Diisopropyl ether	50.000	47.136	5.7	95	0.00
23 T	Vinyl Acetate	250.000	242.231	3.1	97	0.00
24 P	1,1-Dichloroethane	50.000	45.591	8.8	97	0.00
25 T	2-Butanone	250.000	244.675	2.1	100	0.00
26 T	2,2-Dichloropropane	50.000	46.348	7.3	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.435	7.1	98	0.00
28 T	Bromochloromethane	50.000	49.394	1.2	100	0.00
29 T	Tetrahydrofuran	250.000	235.083	6.0	97	0.00
30 C	Chloroform	50.000	46.257	7.5#	100	0.00
31 T	Cyclohexane	50.000	45.218	9.6	94	0.00
32 T	1,1,1-Trichloroethane	50.000	47.406	5.2	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.866	10.3	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	48.290	3.4	101	0.00
36 T	1,1-Dichloropropene	50.000	49.404	1.2	98	0.00
37 T	Ethyl Acetate	50.000	46.776	6.4	93	0.00
38 T	Carbon Tetrachloride	50.000	49.435	1.1	100	0.00
39 T	Methylcyclohexane	50.000	48.906	2.2	97	0.00
40 TM	Benzene	50.000	48.743	2.5	99	0.00
41 T	Methacrylonitrile	50.000	43.705	12.6	81	0.00
42 TM	1,2-Dichloroethane	50.000	48.183	3.6	99	0.00
43 T	Isopropyl Acetate	50.000	49.051	1.9	97	0.00
44 TM	Trichloroethene	50.000	48.219	3.6	98	0.00
45 C	1,2-Dichloropropane	50.000	48.090	3.8#	97	0.00
46 T	Dibromomethane	50.000	47.871	4.3	98	0.00
47 T	Bromodichloromethane	50.000	48.054	3.9	97	0.00
48 T	Methyl methacrylate	50.000	51.347	-2.7	98	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	935.420	6.5	97	0.00
50 S	Toluene-d8	50.000	48.326	3.3	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.881	0.0	98	0.00
52 CM	Toluene	50.000	49.815	0.4#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	49.393	1.2	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.204	-0.4	101	0.00
55 T	1,1,2-Trichloroethane	50.000	49.032	1.9	99	0.00
56 T	Ethyl methacrylate	50.000	51.539	-3.1	96	0.00
57 T	1,3-Dichloropropane	50.000	48.724	2.6	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	276.081	-10.4	103	0.00
59 T	2-Hexanone	250.000	263.188	-5.3	97	0.00
60 T	Dibromochloromethane	50.000	48.534	2.9	100	0.00
61 T	1,2-Dibromoethane	50.000	48.357	3.3	97	0.00
62 S	4-Bromofluorobenzene	50.000	47.755	4.5	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	47.880	4.2	99	0.00
65 PM	Chlorobenzene	50.000	48.673	2.7	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.816	0.4	100	0.00
67 C	Ethyl Benzene	50.000	50.638	-1.3#	99	0.00
68 T	m/p-Xylenes	100.000	101.314	-1.3	97	0.00
69 T	o-Xylene	50.000	51.242	-2.5	98	0.00
70 T	Styrene	50.000	51.193	-2.4	98	0.00
71 P	Bromoform	50.000	48.550	2.9	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	52.627	-5.3	100	0.00
74 T	N-ethyl acetate	50.000	51.003	-2.0	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.567	0.9	101	0.00
76 T	1,2,3-Trichloropropane	50.000	49.929	0.1	94	0.00
77 T	Bromobenzene	50.000	50.412	-0.8	98	0.00
78 T	n-propylbenzene	50.000	52.442	-4.9	99	0.00
79 T	2-Chlorotoluene	50.000	51.246	-2.5	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.414	-4.8	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.144	1.7	93	0.00
82 T	4-Chlorotoluene	50.000	51.050	-2.1	99	0.00
83 T	tert-Butylbenzene	50.000	52.951	-5.9	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.497	-5.0	99	0.00
85 T	sec-Butylbenzene	50.000	53.262	-6.5	100	0.00
86 T	p-Isopropyltoluene	50.000	53.235	-6.5	99	0.00
87 T	1,3-Dichlorobenzene	50.000	50.187	-0.4	100	0.00
88 T	1,4-Dichlorobenzene	50.000	49.587	0.8	99	0.00
89 T	n-Butylbenzene	50.000	53.471	-6.9	100	0.00
90 T	Hexachloroethane	50.000	51.782	-3.6	102	0.00
91 T	1,2-Dichlorobenzene	50.000	50.128	-0.3	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.894	4.2	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.323	-2.6	97	0.00
94 T	Hexachlorobutadiene	50.000	48.763	2.5	97	0.00
95 T	Naphthalene	50.000	52.514	-5.0	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.472	-2.9	97	0.00

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