

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074522.D
 Acq On : 13 Oct 2022 10:36
 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: Oct 13 16:54:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 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	115	0.00
2 T	Dichlorodifluoromethane	50.000	51.021	-2.0	112	0.00
3 P	Chloromethane	50.000	46.486	7.0	107	0.00
4 C	Vinyl Chloride	50.000	51.415	-2.8#	115	0.00
5 T	Bromomethane	50.000	49.467	1.1	128	0.00
6 T	Chloroethane	50.000	50.920	-1.8	116	0.00
7 T	Trichlorofluoromethane	50.000	50.097	-0.2	115	0.00
8 T	Diethyl Ether	50.000	52.365	-4.7	115	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.265	-0.5	118	0.00
10 T	Methyl Iodide	50.000	46.899	6.2	113	0.00
11 T	Tert butyl alcohol	250.000	163.055	34.8#	96	0.00
12 CM	1,1-Dichloroethene	50.000	50.230	-0.5#	116	0.00
13 T	Acrolein	250.000	230.606	7.8	127	0.00
14 T	Allyl chloride	50.000	51.439	-2.9	113	0.00
15 T	Acrylonitrile	250.000	260.016	-4.0	115	0.00
16 T	Acetone	250.000	278.589	-11.4	120	0.00
17 T	Carbon Disulfide	50.000	47.335	5.3	109	0.00
18 T	Methyl Acetate	50.000	45.630	8.7	113	0.00
19 T	Methyl tert-butyl Ether	50.000	52.872	-5.7	114	0.00
20 T	Methylene Chloride	50.000	45.271	9.5	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.627	-1.3	112	0.00
22 T	Diisopropyl ether	50.000	51.957	-3.9	113	0.00
23 T	Vinyl Acetate	250.000	269.232	-7.7	113	0.00
24 P	1,1-Dichloroethane	50.000	49.770	0.5	112	0.00
25 T	2-Butanone	250.000	257.258	-2.9	117	0.00
26 T	2,2-Dichloropropane	50.000	50.503	-1.0	117	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.978	-4.0	120	0.00
28 T	Bromochloromethane	50.000	51.103	-2.2	118	0.00
29 T	Tetrahydrofuran	250.000	271.289	-8.5	125	0.00
30 C	Chloroform	50.000	52.747	-5.5#	121	0.00
31 T	Cyclohexane	50.000	49.497	1.0	119	0.00
32 T	1,1,1-Trichloroethane	50.000	53.178	-6.4	123	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.001	-8.0	120	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35 S	Dibromofluoromethane	50.000	54.692	-9.4	120	0.00
36 T	1,1-Dichloropropene	50.000	53.978	-8.0	121	0.00
37 T	Ethyl Acetate	50.000	53.612	-7.2	125	0.00
38 T	Carbon Tetrachloride	50.000	56.425	-12.8	124	0.00
39 T	Methylcyclohexane	50.000	54.661	-9.3	122	0.00
40 TM	Benzene	50.000	53.605	-7.2	119	0.00
41 T	Methacrylonitrile	50.000	53.429	-6.9	125	-0.01
42 TM	1,2-Dichloroethane	50.000	51.769	-3.5	116	0.00
43 T	Isopropyl Acetate	50.000	55.427	-10.9	121	0.00
44 TM	Trichloroethene	50.000	53.416	-6.8	123	0.00
45 C	1,2-Dichloropropane	50.000	53.490	-7.0#	116	0.00
46 T	Dibromomethane	50.000	53.387	-6.8	117	0.00
47 T	Bromodichloromethane	50.000	53.995	-8.0	120	0.00
48 T	Methyl methacrylate	50.000	54.243	-8.5	124	0.00

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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)

49 T	1,4-Dioxane	1000.000	1160.668	-16.1	129	0.00
50 S	Toluene-d8	50.000	55.582	-11.2	116	0.00
51 T	4-Methyl-2-Pentanone	250.000	283.632	-13.5	122	0.00
52 CM	Toluene	50.000	54.076	-8.2#	118	0.00
53 T	t-1,3-Dichloropropene	50.000	56.256	-12.5	120	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.166	-10.3	118	0.00
55 T	1,1,2-Trichloroethane	50.000	55.299	-10.6	120	0.00
56 T	Ethyl methacrylate	50.000	55.656	-11.3	120	0.00
57 T	1,3-Dichloropropane	50.000	52.711	-5.4	118	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	232.550	7.0	113	0.00
59 T	2-Hexanone	250.000	289.621	-15.8	123	0.00
60 T	Dibromochloromethane	50.000	54.571	-9.1	122	0.00
61 T	1,2-Dibromoethane	50.000	54.445	-8.9	119	0.00
62 S	4-Bromofluorobenzene	50.000	47.260	5.5	112	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	53.700	-7.4	124	0.00
65 PM	Chlorobenzene	50.000	54.947	-9.9	120	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.891	-9.8	120	0.00
67 C	Ethyl Benzene	50.000	55.493	-11.0#	120	0.00
68 T	m/p-Xylenes	100.000	105.149	-5.1	114	0.00
69 T	o-Xylene	50.000	51.650	-3.3	112	0.00
70 T	Styrene	50.000	50.522	-1.0	109	0.00
71 P	Bromoform	50.000	50.153	-0.3	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	55.521	-11.0	113	0.00
74 T	N-amyl acetate	50.000	56.649	-13.3	113	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.313	-10.6	112	0.00
76 T	1,2,3-Trichloropropane	50.000	59.106	-18.2	116	0.00
77 T	Bromobenzene	50.000	54.549	-9.1	111	0.00
78 T	n-propylbenzene	50.000	54.743	-9.5	111	0.00
79 T	2-Chlorotoluene	50.000	54.240	-8.5	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.122	-10.2	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.802	-13.6	105	0.00
82 T	4-Chlorotoluene	50.000	55.050	-10.1	111	0.00
83 T	tert-Butylbenzene	50.000	54.690	-9.4	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.448	-8.9	111	0.00
85 T	sec-Butylbenzene	50.000	54.567	-9.1	113	0.00
86 T	p-Isopropyltoluene	50.000	54.821	-9.6	112	0.00
87 T	1,3-Dichlorobenzene	50.000	52.586	-5.2	108	0.00
88 T	1,4-Dichlorobenzene	50.000	51.978	-4.0	110	0.00
89 T	n-Butylbenzene	50.000	55.841	-11.7	112	0.00
90 T	Hexachloroethane	50.000	54.742	-9.5	111	0.00
91 T	1,2-Dichlorobenzene	50.000	54.172	-8.3	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	61.967	-23.9	120	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.072	-4.1	108	0.00
94 T	Hexachlorobutadiene	50.000	53.861	-7.7	109	0.00
95 T	Naphthalene	50.000	54.370	-8.7	110	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	53.569	-7.1	108	0.00

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