

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076250.D
 Acq On : 26 May 2023 10:11
 Operator : KP/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 26 16:04:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 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	77	0.00
2 T	Dichlorodifluoromethane	50.000	40.624	18.8	71	0.00
3 P	Chloromethane	50.000	43.886	12.2	68	0.00
4 C	Vinyl Chloride	50.000	45.885	8.2#	78	0.00
5 T	Bromomethane	50.000	48.008	4.0	79	0.00
6 T	Chloroethane	50.000	50.525	-1.0	84	0.00
7 T	Trichlorofluoromethane	50.000	43.298	13.4	77	0.00
8 T	Diethyl Ether	50.000	46.195	7.6	71	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.192	9.6	80	0.00
10 T	Methyl Iodide	50.000	54.968	-9.9	79	0.00
11 T	Tert butyl alcohol	250.000	220.801	11.7	69	0.00
12 CM	1,1-Dichloroethene	50.000	43.600	12.8#	73	0.00
13 T	Acrolein	250.000	182.693	26.9#	55	0.00
14 T	Allyl chloride	50.000	46.004	8.0	71	0.00
15 T	Acrylonitrile	250.000	247.356	1.1	75	0.00
16 T	Acetone	250.000	284.067	-13.6	85	0.00
17 T	Carbon Disulfide	50.000	41.481	17.0	65	0.00
18 T	Methyl Acetate	50.000	48.215	3.6	74	0.00
19 T	Methyl tert-butyl Ether	50.000	50.430	-0.9	75	-0.01
20 T	Methylene Chloride	50.000	43.938	12.1	68	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.949	10.1	70	0.00
22 T	Diisopropyl ether	50.000	53.301	-6.6	77	0.00
23 T	Vinyl Acetate	250.000	307.489	-23.0	89	0.00
24 P	1,1-Dichloroethane	50.000	48.423	3.2	77	0.00
25 T	2-Butanone	250.000	266.413	-6.6	79	0.00
26 T	2,2-Dichloropropane	50.000	48.370	3.3	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.829	2.3	74	0.00
28 T	Bromochloromethane	50.000	47.540	4.9	76	0.00
29 T	Tetrahydrofuran	250.000	255.147	-2.1	74	0.00
30 C	Chloroform	50.000	50.233	-0.5#	81	0.00
31 T	Cyclohexane	50.000	43.322	13.4	74	0.00
32 T	1,1,1-Trichloroethane	50.000	47.983	4.0	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.015	12.0	73	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	45.439	9.1	76	0.00
36 T	1,1-Dichloropropene	50.000	46.081	7.8	77	0.00
37 T	Ethyl Acetate	50.000	42.460	15.1	64	0.00
38 T	Carbon Tetrachloride	50.000	46.223	7.6	80	0.00
39 T	Methylcyclohexane	50.000	43.206	13.6	75	0.00
40 TM	Benzene	50.000	46.707	6.6	76	0.00
41 T	Methacrylonitrile	50.000	48.127	3.7	68	0.00
42 TM	1,2-Dichloroethane	50.000	48.580	2.8	79	0.00
43 T	Isopropyl Acetate	50.000	46.124	7.8	75	0.00
44 TM	Trichloroethene	50.000	45.126	9.7	75	0.00
45 C	1,2-Dichloropropane	50.000	48.229	3.5#	79	0.00
46 T	Dibromomethane	50.000	46.456	7.1	76	0.00
47 T	Bromodichloromethane	50.000	48.833	2.3	79	0.00
48 T	Methyl methacrylate	50.000	49.835	0.3	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	941.112	5.9	74	0.00
50 S	Toluene-d8	50.000	44.394	11.2	73	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.182	-1.3	78	0.00
52 CM	Toluene	50.000	48.516	3.0#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	49.372	1.3	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.234	1.5	77	0.00
55 T	1,1,2-Trichloroethane	50.000	49.456	1.1	80	0.00
56 T	Ethyl methacrylate	50.000	49.823	0.4	74	0.00
57 T	1,3-Dichloropropane	50.000	48.910	2.2	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.286	1.1	76	0.00
59 T	2-Hexanone	250.000	267.124	-6.8	80	0.00
60 T	Dibromochloromethane	50.000	49.837	0.3	80	0.00
61 T	1,2-Dibromoethane	50.000	48.439	3.1	78	0.00
62 S	4-Bromofluorobenzene	50.000	45.653	8.7	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	41.867	16.3	72	0.00
65 PM	Chlorobenzene	50.000	46.593	6.8	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.276	3.4	82	0.00
67 C	Ethyl Benzene	50.000	48.785	2.4#	80	0.00
68 T	m/p-Xylenes	100.000	99.800	0.2	82	0.00
69 T	o-Xylene	50.000	49.398	1.2	79	0.00
70 T	Styrene	50.000	51.851	-3.7	83	0.00
71 P	Bromoform	50.000	45.875	8.3	77	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	46.987	6.0	82	0.00
74 T	N-amyl acetate	50.000	44.515	11.0	74	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.669	10.7	80	0.00
76 T	1,2,3-Trichloropropane	50.000	48.585	2.8	98	0.00
77 T	Bromobenzene	50.000	46.515	7.0	81	0.00
78 T	n-propylbenzene	50.000	46.941	6.1	82	0.00
79 T	2-Chlorotoluene	50.000	46.069	7.9	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.853	4.3	82	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.350	9.3	78	0.00
82 T	4-Chlorotoluene	50.000	45.837	8.3	80	0.00
83 T	tert-Butylbenzene	50.000	47.175	5.7	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.415	3.2	82	0.00
85 T	sec-Butylbenzene	50.000	47.353	5.3	85	0.00
86 T	p-Isopropyltoluene	50.000	47.831	4.3	83	0.00
87 T	1,3-Dichlorobenzene	50.000	46.823	6.4	83	0.00
88 T	1,4-Dichlorobenzene	50.000	46.408	7.2	83	0.00
89 T	n-Butylbenzene	50.000	46.572	6.9	83	0.00
90 T	Hexachloroethane	50.000	45.385	9.2	86	0.00
91 T	1,2-Dichlorobenzene	50.000	46.405	7.2	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.430	13.1	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	43.891	12.2	74	0.00
94 T	Hexachlorobutadiene	50.000	40.190	19.6	73	0.00
95 T	Naphthalene	50.000	45.169	9.7	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	42.957	14.1	72	0.00

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