

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076300.D
 Acq On : 31 May 2023 22:56
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 01 01:45:12 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	64	0.00
2 T	Dichlorodifluoromethane	50.000	40.119	19.8	59	0.00
3 P	Chloromethane	50.000	55.575	-11.2	70	0.00
4 C	Vinyl Chloride	50.000	50.457	-0.9#	72	0.00
5 T	Bromomethane	50.000	42.574	14.9	58	0.00
6 T	Chloroethane	50.000	54.860	-9.7	76	0.00
7 T	Trichlorofluoromethane	50.000	44.916	10.2	66	0.00
8 T	Diethyl Ether	50.000	52.521	-5.0	67	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.721	6.6	69	0.00
10 T	Methyl Iodide	50.000	51.390	-2.8	62	0.00
11 T	Tert butyl alcohol	250.000	293.188	-17.3	77	0.02
12 CM	1,1-Dichloroethene	50.000	45.321	9.4#	63	-0.01
13 T	Acrolein	250.000	204.342	18.3	51	0.00
14 T	Allyl chloride	50.000	46.271	7.5	60	-0.01
15 T	Acrylonitrile	250.000	283.812	-13.5	72	0.00
16 T	Acetone	250.000	209.521	16.2	52	0.00
17 T	Carbon Disulfide	50.000	41.213	17.6	54	0.00
18 T	Methyl Acetate	50.000	58.834	-17.7	75	0.00
19 T	Methyl tert-butyl Ether	50.000	56.262	-12.5	70	0.00
20 T	Methylene Chloride	50.000	45.851	8.3	59	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.713	4.6	62	-0.01
22 T	Diisopropyl ether	50.000	58.147	-16.3	71	0.00
23 T	Vinyl Acetate	250.000	275.186	-10.1	67	0.00
24 P	1,1-Dichloroethane	50.000	51.907	-3.8	69	0.00
25 T	2-Butanone	250.000	271.255	-8.5	68	0.00
26 T	2,2-Dichloropropane	50.000	46.489	7.0	63	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.196	-4.4	66	0.00
28 T	Bromochloromethane	50.000	51.339	-2.7	68	0.00
29 T	Tetrahydrofuran	250.000	302.332	-20.9	73	0.00
30 C	Chloroform	50.000	54.083	-8.2#	73	0.00
31 T	Cyclohexane	50.000	42.882	14.2	62	0.00
32 T	1,1,1-Trichloroethane	50.000	50.133	-0.3	69	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.736	-7.5	74	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	66	0.00
35 S	Dibromofluoromethane	50.000	53.614	-7.2	74	0.00
36 T	1,1-Dichloropropene	50.000	47.011	6.0	65	0.00
37 T	Ethyl Acetate	50.000	57.965	-15.9	73	0.00
38 T	Carbon Tetrachloride	50.000	47.002	6.0	67	0.00
39 T	Methylcyclohexane	50.000	42.466	15.1	61	0.00
40 TM	Benzene	50.000	49.850	0.3	67	0.00
41 T	Methacrylonitrile	50.000	52.167	-4.3	61	0.00
42 TM	1,2-Dichloroethane	50.000	54.315	-8.6	74	0.00
43 T	Isopropyl Acetate	50.000	53.722	-7.4	72	0.00
44 TM	Trichloroethene	50.000	46.760	6.5	65	0.00
45 C	1,2-Dichloropropane	50.000	53.218	-6.4#	72	0.00
46 T	Dibromomethane	50.000	54.223	-8.4	74	0.00
47 T	Bromodichloromethane	50.000	54.469	-8.9	73	0.00
48 T	Methyl methacrylate	50.000	54.773	-9.5	70	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	1271.825	-27.2#	83	0.00
50 S	Toluene-d8	50.000	50.057	-0.1	68	0.00
51 T	4-Methyl-2-Pentanone	250.000	295.857	-18.3	75	0.00
52 CM	Toluene	50.000	50.578	-1.2#	67	0.00
53 T	t-1,3-Dichloropropene	50.000	52.687	-5.4	69	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.142	-6.3	69	0.00
55 T	1,1,2-Trichloroethane	50.000	56.277	-12.6	76	0.00
56 T	Ethyl methacrylate	50.000	56.729	-13.5	70	0.00
57 T	1,3-Dichloropropane	50.000	55.900	-11.8	74	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.566	-6.2	68	0.00
59 T	2-Hexanone	250.000	284.656	-13.9	70	0.00
60 T	Dibromochloromethane	50.000	56.466	-12.9	75	0.00
61 T	1,2-Dibromoethane	50.000	55.558	-11.1	74	0.00
62 S	4-Bromofluorobenzene	50.000	52.817	-5.6	74	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64 T	Tetrachloroethene	50.000	44.354	11.3	67	0.00
65 PM	Chlorobenzene	50.000	48.623	2.8	71	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.485	-3.0	76	0.00
67 C	Ethyl Benzene	50.000	48.793	2.4#	70	0.00
68 T	m/p-Xylenes	100.000	99.463	0.5	71	0.00
69 T	o-Xylene	50.000	50.800	-1.6	71	0.00
70 T	Styrene	50.000	52.509	-5.0	73	0.00
71 P	Bromoform	50.000	51.052	-2.1	74	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	45.798	8.4	71	0.00
74 T	N-amyl acetate	50.000	47.918	4.2	71	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.396	1.2	79	0.00
76 T	1,2,3-Trichloropropane	50.000	51.307	-2.6	92	0.00
77 T	Bromobenzene	50.000	47.011	6.0	73	0.00
78 T	n-propylbenzene	50.000	46.454	7.1	72	0.00
79 T	2-Chlorotoluene	50.000	45.650	8.7	71	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.014	6.0	71	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.215	5.6	72	0.00
82 T	4-Chlorotoluene	50.000	46.162	7.7	72	0.00
83 T	tert-Butylbenzene	50.000	47.062	5.9	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.464	3.1	73	0.00
85 T	sec-Butylbenzene	50.000	46.157	7.7	73	0.00
86 T	p-Isopropyltoluene	50.000	47.224	5.6	73	0.00
87 T	1,3-Dichlorobenzene	50.000	48.363	3.3	76	0.00
88 T	1,4-Dichlorobenzene	50.000	47.820	4.4	76	0.00
89 T	n-Butylbenzene	50.000	45.592	8.8	72	0.00
90 T	Hexachloroethane	50.000	43.760	12.5	74	0.00
91 T	1,2-Dichlorobenzene	50.000	48.378	3.2	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.021	-0.0	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.829	10.3	67	0.00
94 T	Hexachlorobutadiene	50.000	41.904	16.2	68	0.00
95 T	Naphthalene	50.000	50.028	-0.1	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.515	7.0	69	0.00

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