

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060223\
 Data File : VD076311.D
 Acq On : 02 Jun 2023 13:20
 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: Jun 03 02:19:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:50:45 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	108	0.00
2 T	Dichlorodifluoromethane	50.000	43.832	12.3	98	0.00
3 P	Chloromethane	50.000	42.562	14.9	95	0.00
4 C	Vinyl Chloride	50.000	42.892	14.2#	96	0.00
5 T	Bromomethane	50.000	56.357	-12.7	123	0.00
6 T	Chloroethane	50.000	46.212	7.6	101	0.00
7 T	Trichlorofluoromethane	50.000	43.056	13.9	96	0.00
8 T	Diethyl Ether	50.000	44.272	11.5	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.519	13.0	98	0.00
10 T	Methyl Iodide	50.000	48.267	3.5	101	0.00
11 T	Tert butyl alcohol	250.000	199.559	20.2	95	0.00
12 CM	1,1-Dichloroethene	50.000	44.823	10.4#	102	0.00
13 T	Acrolein	250.000	214.506	14.2	103	0.00
14 T	Allyl chloride	50.000	47.448	5.1	108	0.00
15 T	Acrylonitrile	250.000	210.000	16.0	95	0.00
16 T	Acetone	250.000	259.163	-3.7	112	0.00
17 T	Carbon Disulfide	50.000	43.477	13.0	98	0.00
18 T	Methyl Acetate	50.000	40.785	18.4	96	0.00
19 T	Methyl tert-butyl Ether	50.000	45.414	9.2	98	0.00
20 T	Methylene Chloride	50.000	43.506	13.0	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.817	8.4	101	0.00
22 T	Diisopropyl ether	50.000	47.109	5.8	101	0.00
23 T	Vinyl Acetate	250.000	229.559	8.2	99	0.00
24 P	1,1-Dichloroethane	50.000	43.443	13.1	100	0.00
25 T	2-Butanone	250.000	209.655	16.1	97	0.00
26 T	2,2-Dichloropropane	50.000	44.770	10.5	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.596	8.8	102	0.00
28 T	Bromochloromethane	50.000	44.339	11.3	103	0.00
29 T	Tetrahydrofuran	250.000	220.283	11.9	96	0.00
30 C	Chloroform	50.000	44.038	11.9#	101	0.00
31 T	Cyclohexane	50.000	43.295	13.4	95	0.00
32 T	1,1,1-Trichloroethane	50.000	44.716	10.6	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.574	12.9	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	47.521	5.0	106	0.00
36 T	1,1-Dichloropropene	50.000	46.997	6.0	97	0.00
37 T	Ethyl Acetate	50.000	44.450	11.1	94	0.00
38 T	Carbon Tetrachloride	50.000	48.507	3.0	101	0.00
39 T	Methylcyclohexane	50.000	48.325	3.3	95	0.00
40 TM	Benzene	50.000	47.013	6.0	99	0.00
41 T	Methacrylonitrile	50.000	43.188	13.6	88	0.00
42 TM	1,2-Dichloroethane	50.000	45.490	9.0	98	0.00
43 T	Isopropyl Acetate	50.000	43.993	12.0	95	0.00
44 TM	Trichloroethene	50.000	46.610	6.8	99	0.00
45 C	1,2-Dichloropropane	50.000	46.465	7.1#	99	0.00
46 T	Dibromomethane	50.000	45.728	8.5	98	0.00
47 T	Bromodichloromethane	50.000	46.145	7.7	101	0.00
48 T	Methyl methacrylate	50.000	43.991	12.0	92	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	878.297	12.2	91	0.00
50 S	Toluene-d8	50.000	49.289	1.4	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	222.434	11.0	93	0.00
52 CM	Toluene	50.000	48.738	2.5#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	46.186	7.6	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.443	3.1	100	0.00
55 T	1,1,2-Trichloroethane	50.000	43.977	12.0	94	0.00
56 T	Ethyl methacrylate	50.000	42.891	14.2	94	0.00
57 T	1,3-Dichloropropane	50.000	45.086	9.8	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	231.220	7.5	97	0.00
59 T	2-Hexanone	250.000	230.162	7.9	95	0.00
60 T	Dibromochloromethane	50.000	44.789	10.4	94	0.00
61 T	1,2-Dibromoethane	50.000	44.403	11.2	95	0.00
62 S	4-Bromofluorobenzene	50.000	47.948	4.1	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64 T	Tetrachloroethene	50.000	47.629	4.7	97	0.00
65 PM	Chlorobenzene	50.000	47.320	5.4	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.430	7.1	99	0.00
67 C	Ethyl Benzene	50.000	49.550	0.9#	99	0.00
68 T	m/p-Xylenes	100.000	98.176	1.8	97	0.00
69 T	o-Xylene	50.000	49.724	0.6	98	0.00
70 T	Styrene	50.000	49.820	0.4	97	0.00
71 P	Bromoform	50.000	45.200	9.6	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	51.506	-3.0	98	0.00
74 T	N-amyl acetate	50.000	47.205	5.6	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.659	12.7	93	0.00
76 T	1,2,3-Trichloropropane	50.000	44.646	10.7	97	0.00
77 T	Bromobenzene	50.000	49.617	0.8	97	0.00
78 T	n-propylbenzene	50.000	50.488	-1.0	97	0.00
79 T	2-Chlorotoluene	50.000	49.424	1.2	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.938	-3.9	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.168	-0.3	99	0.00
82 T	4-Chlorotoluene	50.000	49.478	1.0	99	0.00
83 T	tert-Butylbenzene	50.000	51.329	-2.7	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.486	-3.0	98	0.00
85 T	sec-Butylbenzene	50.000	50.456	-0.9	96	0.00
86 T	p-Isopropyltoluene	50.000	50.976	-2.0	97	0.00
87 T	1,3-Dichlorobenzene	50.000	49.040	1.9	98	0.00
88 T	1,4-Dichlorobenzene	50.000	47.018	6.0	97	0.00
89 T	n-Butylbenzene	50.000	50.628	-1.3	96	0.00
90 T	Hexachloroethane	50.000	47.822	4.4	100	0.00
91 T	1,2-Dichlorobenzene	50.000	48.231	3.5	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.365	9.3	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.145	1.7	98	0.00
94 T	Hexachlorobutadiene	50.000	47.116	5.8	94	0.00
95 T	Naphthalene	50.000	43.562	12.9	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.814	2.4	97	0.00

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