

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078152.D
 Acq On : 11 Jan 2024 16:44
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 12 00:38:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	41.738	16.5	74	0.00
3 P	Chloromethane	50.000	41.977	16.0	79	0.00
4 C	Vinyl Chloride	50.000	42.137	15.7#	76	0.00
5 T	Bromomethane	50.000	40.135	19.7	78	0.00
6 T	Chloroethane	50.000	44.289	11.4	81	0.00
7 T	Trichlorofluoromethane	50.000	44.626	10.7	86	0.00
8 T	Diethyl Ether	50.000	50.808	-1.6	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.403	9.2	84	0.00
10 T	Methyl Iodide	50.000	42.536	14.9	75	0.00
11 T	Tert butyl alcohol	250.000	243.020	2.8	94	-0.02
12 CM	1,1-Dichloroethene	50.000	46.887	6.2#	84	0.00
13 T	Acrolein	250.000	143.356	42.7#	57	0.00
14 T	Allyl chloride	50.000	44.824	10.4	83	0.00
15 T	Acrylonitrile	250.000	255.056	-2.0	91	-0.01
16 T	Acetone	250.000	223.672	10.5	89	0.00
17 T	Carbon Disulfide	50.000	44.351	11.3	79	0.00
18 T	Methyl Acetate	50.000	54.875	-9.8	94	0.01
19 T	Methyl tert-butyl Ether	50.000	50.672	-1.3	91	0.00
20 T	Methylene Chloride	50.000	51.655	-3.3	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.871	2.3	88	0.00
22 T	Diisopropyl ether	50.000	49.845	0.3	88	0.00
23 T	Vinyl Acetate	250.000	247.966	0.8	90	0.00
24 P	1,1-Dichloroethane	50.000	48.088	3.8	90	0.00
25 T	2-Butanone	250.000	232.050	7.2	95	-0.01
26 T	2,2-Dichloropropane	50.000	46.770	6.5	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.099	1.8	88	0.00
28 T	Bromochloromethane	50.000	58.264	-16.5	97	0.00
29 T	Tetrahydrofuran	250.000	247.716	0.9	90	0.00
30 C	Chloroform	50.000	49.007	2.0#	89	0.00
31 T	Cyclohexane	50.000	43.041	13.9	83	0.00
32 T	1,1,1-Trichloroethane	50.000	48.329	3.3	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.412	3.2	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	46.838	6.3	94	0.00
36 T	1,1-Dichloropropene	50.000	46.171	7.7	84	0.00
37 T	Ethyl Acetate	50.000	45.829	8.3	89	0.00
38 T	Carbon Tetrachloride	50.000	45.179	9.6	84	0.00
39 T	Methylcyclohexane	50.000	44.747	10.5	83	0.00
40 TM	Benzene	50.000	46.885	6.2	86	0.00
41 T	Methacrylonitrile	50.000	53.019	-6.0	99	-0.02
42 TM	1,2-Dichloroethane	50.000	48.371	3.3	90	0.00
43 T	Isopropyl Acetate	50.000	46.951	6.1	89	0.00
44 TM	Trichloroethene	50.000	45.341	9.3	83	0.00
45 C	1,2-Dichloropropane	50.000	47.952	4.1#	88	0.00
46 T	Dibromomethane	50.000	47.468	5.1	88	0.00
47 T	Bromodichloromethane	50.000	48.794	2.4	90	0.00
48 T	Methyl methacrylate	50.000	51.415	-2.8	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	892.783	10.7	79	0.00
50 S	Toluene-d8	50.000	49.037	1.9	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.360	-2.5	96	0.00
52 CM	Toluene	50.000	48.604	2.8#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	47.838	4.3	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.642	0.7	88	0.00
55 T	1,1,2-Trichloroethane	50.000	49.897	0.2	94	0.00
56 T	Ethyl methacrylate	50.000	48.881	2.2	92	0.00
57 T	1,3-Dichloropropane	50.000	50.579	-1.2	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	284.059	-13.6	99	0.00
59 T	2-Hexanone	250.000	244.345	2.3	96	0.00
60 T	Dibromochloromethane	50.000	48.397	3.2	91	0.00
61 T	1,2-Dibromoethane	50.000	47.319	5.4	90	0.00
62 S	4-Bromofluorobenzene	50.000	45.427	9.1	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	41.509	17.0	82	0.00
65 PM	Chlorobenzene	50.000	44.112	11.8	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.183	9.6	89	0.00
67 C	Ethyl Benzene	50.000	45.451	9.1#	88	0.00
68 T	m/p-Xylenes	100.000	89.131	10.9	86	0.00
69 T	o-Xylene	50.000	45.591	8.8	87	0.00
70 T	Styrene	50.000	45.957	8.1	88	0.00
71 P	Bromoform	50.000	45.523	9.0	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	44.827	10.3	87	0.00
74 T	N-amyl acetate	50.000	45.986	8.0	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.949	6.1	97	0.00
76 T	1,2,3-Trichloropropane	50.000	49.359	1.3	97	0.00
77 T	Bromobenzene	50.000	43.447	13.1	88	0.00
78 T	n-propylbenzene	50.000	45.143	9.7	88	0.00
79 T	2-Chlorotoluene	50.000	44.882	10.2	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.848	10.3	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.557	2.9	98	0.00
82 T	4-Chlorotoluene	50.000	44.844	10.3	90	0.00
83 T	tert-Butylbenzene	50.000	43.990	12.0	84	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.257	7.5	88	0.00
85 T	sec-Butylbenzene	50.000	45.138	9.7	86	0.00
86 T	p-Isopropyltoluene	50.000	43.672	12.7	83	0.00
87 T	1,3-Dichlorobenzene	50.000	45.688	8.6	89	0.00
88 T	1,4-Dichlorobenzene	50.000	43.808	12.4	86	0.00
89 T	n-Butylbenzene	50.000	44.577	10.8	86	0.00
90 T	Hexachloroethane	50.000	43.176	13.6	86	0.00
91 T	1,2-Dichlorobenzene	50.000	44.404	11.2	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.713	0.6	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.370	11.3	89	0.00
94 T	Hexachlorobutadiene	50.000	41.631	16.7	86	0.00
95 T	Naphthalene	50.000	48.197	3.6	95	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	46.773	6.5	93	0.00

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