

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077832.D
 Acq On : 12 Dec 2023 09:40
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 12 10:41:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 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	107	0.00
2 T	Dichlorodifluoromethane	50.000	44.042	11.9	97	0.00
3 P	Chloromethane	50.000	47.836	4.3	104	0.00
4 C	Vinyl Chloride	50.000	47.749	4.5#	99	0.00
5 T	Bromomethane	50.000	51.719	-3.4	106	0.00
6 T	Chloroethane	50.000	46.800	6.4	98	0.00
7 T	Trichlorofluoromethane	50.000	47.518	5.0	99	0.00
8 T	Diethyl Ether	50.000	48.252	3.5	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.596	6.8	96	0.01
10 T	Methyl Iodide	50.000	50.819	-1.6	107	0.00
11 T	Tert butyl alcohol	250.000	234.399	6.2	102	0.01
12 CM	1,1-Dichloroethene	50.000	47.492	5.0#	98	0.00
13 T	Acrolein	250.000	221.890	11.2	96	0.00
14 T	Allyl chloride	50.000	46.260	7.5	97	0.00
15 T	Acrylonitrile	250.000	237.518	5.0	101	0.00
16 T	Acetone	250.000	229.935	8.0	107	0.00
17 T	Carbon Disulfide	50.000	44.674	10.7	94	0.00
18 T	Methyl Acetate	50.000	49.274	1.5	105	0.00
19 T	Methyl tert-butyl Ether	50.000	48.261	3.5	101	0.00
20 T	Methylene Chloride	50.000	46.107	7.8	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.655	2.7	98	0.00
22 T	Diisopropyl ether	50.000	47.059	5.9	96	0.00
23 T	Vinyl Acetate	250.000	235.343	5.9	97	0.00
24 P	1,1-Dichloroethane	50.000	45.762	8.5	95	0.00
25 T	2-Butanone	250.000	226.238	9.5	102	0.00
26 T	2,2-Dichloropropane	50.000	47.690	4.6	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.068	3.9	98	0.00
28 T	Bromochloromethane	50.000	47.825	4.3	99	0.00
29 T	Tetrahydrofuran	250.000	229.286	8.3	98	0.00
30 C	Chloroform	50.000	46.217	7.6#	95	0.00
31 T	Cyclohexane	50.000	45.105	9.8	96	0.00
32 T	1,1,1-Trichloroethane	50.000	46.600	6.8	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.749	14.5	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	114	0.00
35 S	Dibromofluoromethane	50.000	43.298	13.4	91	0.00
36 T	1,1-Dichloropropene	50.000	45.795	8.4	95	0.00
37 T	Ethyl Acetate	50.000	41.718	16.6	100	0.00
38 T	Carbon Tetrachloride	50.000	45.236	9.5	95	0.00
39 T	Methylcyclohexane	50.000	47.886	4.2	97	0.00
40 TM	Benzene	50.000	46.207	7.6	97	0.00
41 T	Methacrylonitrile	50.000	44.512	11.0	104	0.00
42 TM	1,2-Dichloroethane	50.000	45.899	8.2	97	0.00
43 T	Isopropyl Acetate	50.000	46.315	7.4	102	0.00
44 TM	Trichloroethene	50.000	45.396	9.2	94	0.00
45 C	1,2-Dichloropropane	50.000	45.913	8.2#	97	0.00
46 T	Dibromomethane	50.000	45.198	9.6	95	0.00
47 T	Bromodichloromethane	50.000	45.275	9.5	95	0.00
48 T	Methyl methacrylate	50.000	45.281	9.4	98	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	948.463	5.2	115	0.00
50 S	Toluene-d8	50.000	43.394	13.2	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	231.736	7.3	99	0.00
52 CM	Toluene	50.000	47.098	5.8#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	47.395	5.2	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.825	6.3	98	0.00
55 T	1,1,2-Trichloroethane	50.000	45.849	8.3	97	0.00
56 T	Ethyl methacrylate	50.000	46.469	7.1	98	0.00
57 T	1,3-Dichloropropane	50.000	47.078	5.8	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.837	-9.5	126	0.00
59 T	2-Hexanone	250.000	206.048	17.6	101	0.00
60 T	Dibromochloromethane	50.000	46.963	6.1	99	0.00
61 T	1,2-Dibromoethane	50.000	45.078	9.8	97	0.00
62 S	4-Bromofluorobenzene	50.000	42.364	15.3	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64 T	Tetrachloroethene	50.000	46.252	7.5	93	0.00
65 PM	Chlorobenzene	50.000	44.471	11.1	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.727	6.5	95	0.00
67 C	Ethyl Benzene	50.000	47.451	5.1#	95	0.00
68 T	m/p-Xylenes	100.000	98.053	1.9	97	0.00
69 T	o-Xylene	50.000	48.424	3.2	96	0.00
70 T	Styrene	50.000	48.489	3.0	96	0.00
71 P	Bromoform	50.000	47.652	4.7	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73 T	Isopropylbenzene	50.000	47.295	5.4	95	0.00
74 T	N-amyl acetate	50.000	46.398	7.2	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.618	6.8	96	0.00
76 T	1,2,3-Trichloropropane	50.000	52.398	-4.8	95	0.00
77 T	Bromobenzene	50.000	45.775	8.5	95	0.00
78 T	n-propylbenzene	50.000	47.683	4.6	95	0.00
79 T	2-Chlorotoluene	50.000	46.840	6.3	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.943	6.1	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.303	3.4	102	0.00
82 T	4-Chlorotoluene	50.000	47.032	5.9	95	0.00
83 T	tert-Butylbenzene	50.000	47.787	4.4	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.329	3.3	96	0.00
85 T	sec-Butylbenzene	50.000	48.485	3.0	96	0.00
86 T	p-Isopropyltoluene	50.000	48.840	2.3	95	0.00
87 T	1,3-Dichlorobenzene	50.000	46.663	6.7	94	0.00
88 T	1,4-Dichlorobenzene	50.000	46.323	7.4	95	0.00
89 T	n-Butylbenzene	50.000	49.643	0.7	96	0.00
90 T	Hexachloroethane	50.000	48.566	2.9	97	0.00
91 T	1,2-Dichlorobenzene	50.000	46.975	6.0	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.646	8.7	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.600	8.8	98	0.00
94 T	Hexachlorobutadiene	50.000	48.400	3.2	97	0.00
95 T	Naphthalene	50.000	48.664	2.7	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.291	5.4	100	0.00

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