

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078113.D
 Acq On : 29 Dec 2023 17:27
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 29 22:38:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	37.501	25.0	80	0.00
3 P	Chloromethane	50.000	43.428	13.1	84	0.00
4 C	Vinyl Chloride	50.000	41.617	16.8#	78	0.00
5 T	Bromomethane	50.000	38.274	23.5	78	0.00
6 T	Chloroethane	50.000	44.374	11.3	86	0.00
7 T	Trichlorofluoromethane	50.000	41.711	16.6	82	0.00
8 T	Diethyl Ether	50.000	49.460	1.1	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	40.202	19.6	80	-0.01
10 T	Methyl Iodide	50.000	48.037	3.9	84	0.00
11 T	Tert butyl alcohol	250.000	275.361	-10.1	93	0.01
12 CM	1,1-Dichloroethene	50.000	42.742	14.5#	83	0.00
13 T	Acrolein	250.000	181.942	27.2#	92	0.00
14 T	Allyl chloride	50.000	43.723	12.6	89	0.00
15 T	Acrylonitrile	250.000	248.425	0.6	97	0.00
16 T	Acetone	250.000	203.311	18.7	85	0.00
17 T	Carbon Disulfide	50.000	44.996	10.0	82	0.00
18 T	Methyl Acetate	50.000	56.304	-12.6	103	-0.01
19 T	Methyl tert-butyl Ether	50.000	51.254	-2.5	98	0.00
20 T	Methylene Chloride	50.000	48.435	3.1	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.274	7.5	89	-0.01
22 T	Diisopropyl ether	50.000	47.628	4.7	90	0.00
23 T	Vinyl Acetate	250.000	232.564	7.0	91	0.00
24 P	1,1-Dichloroethane	50.000	45.533	8.9	90	0.00
25 T	2-Butanone	250.000	234.982	6.0	93	0.00
26 T	2,2-Dichloropropane	50.000	39.168	21.7	77	-0.01
27 T	cis-1,2-Dichloroethene	50.000	46.772	6.5	90	0.00
28 T	Bromochloromethane	50.000	50.659	-1.3	91	0.00
29 T	Tetrahydrofuran	250.000	247.732	0.9	101	0.00
30 C	Chloroform	50.000	46.847	6.3#	90	0.00
31 T	Cyclohexane	50.000	39.943	20.1	77	0.00
32 T	1,1,1-Trichloroethane	50.000	44.352	11.3	85	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.141	-0.3	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	50.150	-0.3	108	0.00
36 T	1,1-Dichloropropene	50.000	43.860	12.3	82	0.00
37 T	Ethyl Acetate	50.000	45.260	9.5	89	0.00
38 T	Carbon Tetrachloride	50.000	44.003	12.0	85	0.00
39 T	Methylcyclohexane	50.000	42.578	14.8	81	0.00
40 TM	Benzene	50.000	47.018	6.0	88	0.00
41 T	Methacrylonitrile	50.000	46.738	6.5	93	0.00
42 TM	1,2-Dichloroethane	50.000	47.731	4.5	90	0.00
43 T	Isopropyl Acetate	50.000	50.143	-0.3	97	0.00
44 TM	Trichloroethene	50.000	47.496	5.0	91	0.00
45 C	1,2-Dichloropropane	50.000	46.396	7.2#	87	0.00
46 T	Dibromomethane	50.000	50.330	-0.7	93	0.00
47 T	Bromodichloromethane	50.000	47.915	4.2	93	0.00
48 T	Methyl methacrylate	50.000	49.639	0.7	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	973.965	2.6	91	0.00
50 S	Toluene-d8	50.000	51.602	-3.2	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.630	0.1	96	0.00
52 CM	Toluene	50.000	48.147	3.7#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	48.680	2.6	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.100	3.8	91	0.00
55 T	1,1,2-Trichloroethane	50.000	50.026	-0.1	95	0.00
56 T	Ethyl methacrylate	50.000	53.475	-7.0	99	0.00
57 T	1,3-Dichloropropane	50.000	50.197	-0.4	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	335.327	-34.1#	104	0.00
59 T	2-Hexanone	250.000	230.322	7.9	96	0.00
60 T	Dibromochloromethane	50.000	52.090	-4.2	97	0.00
61 T	1,2-Dibromoethane	50.000	51.617	-3.2	98	0.00
62 S	4-Bromofluorobenzene	50.000	52.260	-4.5	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	45.627	8.7	94	0.00
65 PM	Chlorobenzene	50.000	46.228	7.5	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.499	5.0	97	0.00
67 C	Ethyl Benzene	50.000	45.505	9.0#	91	0.00
68 T	m/p-Xylenes	100.000	91.401	8.6	90	0.00
69 T	o-Xylene	50.000	46.197	7.6	92	0.00
70 T	Styrene	50.000	48.653	2.7	93	0.00
71 P	Bromoform	50.000	51.638	-3.3	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	44.217	11.6	90	0.00
74 T	N-amyl acetate	50.000	46.429	7.1	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.147	5.7	98	0.00
76 T	1,2,3-Trichloropropane	50.000	44.878	10.2	91	0.00
77 T	Bromobenzene	50.000	48.273	3.5	99	0.00
78 T	n-propylbenzene	50.000	43.274	13.5	89	0.00
79 T	2-Chlorotoluene	50.000	44.124	11.8	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.722	10.6	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.648	10.7	95	0.00
82 T	4-Chlorotoluene	50.000	43.686	12.6	88	0.00
83 T	tert-Butylbenzene	50.000	44.977	10.0	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.361	9.3	92	0.00
85 T	sec-Butylbenzene	50.000	43.494	13.0	88	0.00
86 T	p-Isopropyltoluene	50.000	44.571	10.9	92	0.00
87 T	1,3-Dichlorobenzene	50.000	45.724	8.6	93	0.00
88 T	1,4-Dichlorobenzene	50.000	44.933	10.1	91	0.00
89 T	n-Butylbenzene	50.000	42.506	15.0	87	0.00
90 T	Hexachloroethane	50.000	42.926	14.1	88	0.00
91 T	1,2-Dichlorobenzene	50.000	45.437	9.1	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.010	2.0	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.789	6.4	98	0.00
94 T	Hexachlorobutadiene	50.000	44.160	11.7	93	0.00
95 T	Naphthalene	50.000	53.314	-6.6	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.381	-0.8	104	0.00

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