

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111825\
 Data File : VD080531.D
 Acq On : 18 Nov 2025 08:57
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 19 08:19:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111725S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 18 00:45:54 2025
 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	49.674	0.7	100	0.00
3 P	Chloromethane	50.000	46.047	7.9	92	0.00
4 C	Vinyl Chloride	50.000	48.166	3.7#	96	0.00
5 T	Bromomethane	50.000	49.167	1.7	98	0.00
6 T	Chloroethane	50.000	47.557	4.9	95	0.00
7 T	Trichlorofluoromethane	50.000	49.733	0.5	98	0.00
8 T	Diethyl Ether	50.000	43.291	13.4	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.655	0.7	99	0.00
10 T	Methyl Iodide	50.000	51.851	-3.7	92	0.00
11 T	Tert butyl alcohol	250.000	192.389	23.0	72	-0.01
12 CM	1,1-Dichloroethene	50.000	48.392	3.2#	94	0.00
13 T	Acrolein	250.000	178.470	28.6#	80	0.00
14 T	Allyl chloride	50.000	46.181	7.6	90	0.00
15 T	Acrylonitrile	250.000	210.627	15.7	79	0.00
16 T	Acetone	250.000	207.710	16.9	79	0.00
17 T	Carbon Disulfide	50.000	47.787	4.4	94	0.00
18 T	Methyl Acetate	50.000	42.303	15.4	80	0.00
19 T	Methyl tert-butyl Ether	50.000	43.910	12.2	83	0.00
20 T	Methylene Chloride	50.000	45.935	8.1	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.900	4.2	93	0.00
22 T	Diisopropyl ether	50.000	44.716	10.6	85	0.00
23 T	Vinyl Acetate	250.000	216.693	13.3	81	0.00
24 P	1,1-Dichloroethane	50.000	46.800	6.4	90	0.00
25 T	2-Butanone	250.000	208.065	16.8	77	0.00
26 T	2,2-Dichloropropane	50.000	48.903	2.2	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.159	5.7	92	0.00
28 T	Bromochloromethane	50.000	44.866	10.3	88	0.00
29 T	Tetrahydrofuran	250.000	199.881	20.0	74	0.00
30 C	Chloroform	50.000	47.283	5.4#	91	0.00
31 T	Cyclohexane	50.000	45.803	8.4	94	0.00
32 T	1,1,1-Trichloroethane	50.000	50.067	-0.1	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.043	9.9	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	46.819	6.4	91	0.00
36 T	1,1-Dichloropropene	50.000	50.130	-0.3	94	0.00
37 T	Ethyl Acetate	50.000	41.412	17.2	76	0.00
38 T	Carbon Tetrachloride	50.000	52.110	-4.2	97	0.00
39 T	Methylcyclohexane	50.000	50.663	-1.3	95	0.00
40 TM	Benzene	50.000	48.977	2.0	91	0.00
41 T	Methacrylonitrile	50.000	46.387	7.2	91	0.00
42 TM	1,2-Dichloroethane	50.000	47.876	4.2	88	0.00
43 T	Isopropyl Acetate	50.000	43.595	12.8	78	0.00
44 TM	Trichloroethene	50.000	50.329	-0.7	94	0.00
45 C	1,2-Dichloropropane	50.000	48.325	3.3#	90	0.00
46 T	Dibromomethane	50.000	47.285	5.4	87	0.00
47 T	Bromodichloromethane	50.000	48.884	2.2	88	0.00
48 T	Methyl methacrylate	50.000	44.435	11.1	81	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	907.214	9.3	83	0.00
50 S	Toluene-d8	50.000	47.628	4.7	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	213.379	14.6	76	0.00
52 CM	Toluene	50.000	48.840	2.3#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	46.346	7.3	84	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.147	3.7	88	0.00
55 T	1,1,2-Trichloroethane	50.000	46.326	7.3	84	0.00
56 T	Ethyl methacrylate	50.000	45.457	9.1	81	0.00
57 T	1,3-Dichloropropane	50.000	45.990	8.0	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	231.857	7.3	83	0.00
59 T	2-Hexanone	250.000	215.674	13.7	79	0.00
60 T	Dibromochloromethane	50.000	48.326	3.3	87	0.00
61 T	1,2-Dibromoethane	50.000	45.877	8.2	82	0.00
62 S	4-Bromofluorobenzene	50.000	46.663	6.7	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	51.744	-3.5	95	0.00
65 PM	Chlorobenzene	50.000	50.264	-0.5	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.227	-2.5	91	0.00
67 C	Ethyl Benzene	50.000	50.492	-1.0#	92	0.00
68 T	m/p-Xylenes	100.000	102.599	-2.6	93	0.00
69 T	o-Xylene	50.000	51.165	-2.3	93	0.00
70 T	Styrene	50.000	50.254	-0.5	90	0.00
71 P	Bromoform	50.000	49.506	1.0	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	51.363	-2.7	94	0.00
74 T	N-amyl acetate	50.000	44.249	11.5	77	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.465	9.1	80	0.00
76 T	1,2,3-Trichloropropane	50.000	49.457	1.1	101	0.00
77 T	Bromobenzene	50.000	50.443	-0.9	90	0.00
78 T	n-propylbenzene	50.000	51.420	-2.8	94	0.00
79 T	2-Chlorotoluene	50.000	49.962	0.1	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.839	-3.7	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.965	12.1	80	0.00
82 T	4-Chlorotoluene	50.000	50.566	-1.1	93	0.00
83 T	tert-Butylbenzene	50.000	51.296	-2.6	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.188	-2.4	93	0.00
85 T	sec-Butylbenzene	50.000	52.160	-4.3	97	0.00
86 T	p-Isopropyltoluene	50.000	51.863	-3.7	95	0.00
87 T	1,3-Dichlorobenzene	50.000	51.463	-2.9	93	0.00
88 T	1,4-Dichlorobenzene	50.000	49.923	0.2	92	0.00
89 T	n-Butylbenzene	50.000	51.728	-3.5	95	0.00
90 T	Hexachloroethane	50.000	50.116	-0.2	93	0.00
91 T	1,2-Dichlorobenzene	50.000	49.585	0.8	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.456	15.1	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.827	0.3	92	0.00
94 T	Hexachlorobutadiene	50.000	52.010	-4.0	98	0.00
95 T	Naphthalene	50.000	46.408	7.2	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.806	4.4	89	0.00

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