

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR120425\
 Data File : VR026797.D
 Acq On : 4 Dec 2025 16:55
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_R/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ICVVR120425

Quant Time: Dec 05 04:08:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R120425S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 04:05:32 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	88	0.00
2 T	Dichlorodifluoromethane	50.000	46.123	7.8	79	0.00
3 P	Chloromethane	50.000	47.241	5.5	85	0.00
4 C	Vinyl Chloride	50.000	49.429	1.1#	85	0.00
5 T	Bromomethane	50.000	39.593	20.8#	75	0.00
6 T	Chloroethane	50.000	51.282	-2.6	89	0.00
7 T	Trichlorofluoromethane	50.000	49.098	1.8	84	0.00
8 T	Diethyl Ether	50.000	55.466	-10.9	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.799	-1.6	92	-0.02
10 T	Methyl Iodide	50.000	39.251	21.5#	75	0.00
11 T	Tert butyl alcohol	250.000	89.303	64.3#	64	-0.01
12 CM	1,1-Dichloroethene	50.000	51.559	-3.1#	89	0.00
13 T	Acrolein	250.000	74.401	70.2#	58	0.00
14 T	Allyl chloride	50.000	52.064	-4.1	87	0.00
15 T	Acrylonitrile	250.000	251.127	-0.5	79	-0.02
16 T	Acetone	250.000	185.798	25.7#	74	-0.01
17 T	Carbon Disulfide	50.000	51.537	-3.1	90	0.00
18 T	Methyl Acetate	50.000	47.626	4.7	77	-0.01
19 T	Methyl tert-butyl Ether	50.000	52.150	-4.3	84	-0.01
20 T	Methylene Chloride	50.000	48.320	3.4	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.324	-2.6	94	0.00
22 T	Diisopropyl ether	50.000	51.236	-2.5	86	-0.01
23 T	Vinyl Acetate	250.000	239.239	4.3	78	0.00
24 P	1,1-Dichloroethane	50.000	51.380	-2.8	89	0.00
25 T	2-Butanone	250.000	201.066	19.6	74	0.00
26 T	2,2-Dichloropropane	50.000	46.830	6.3	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.313	1.4	84	-0.01
28 T	Bromochloromethane	50.000	48.204	3.6	82	0.00
29 T	Tetrahydrofuran	250.000	242.270	3.1	75	0.00
30 C	Chloroform	50.000	50.971	-1.9#	88	-0.01
31 T	Cyclohexane	50.000	50.854	-1.7	90	-0.01
32 T	1,1,1-Trichloroethane	50.000	53.277	-6.6	90	-0.01
33 S	1,2-Dichloroethane-d4	50.000	48.519	3.0	78	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	50.420	-0.8	79	0.00
36 T	1,1-Dichloropropene	50.000	49.174	1.7	84	0.00
37 T	Ethyl Acetate	50.000	48.126	3.7	79	0.00
38 T	Carbon Tetrachloride	50.000	53.301	-6.6	89	0.00
39 T	Methylcyclohexane	50.000	50.525	-1.0	89	-0.01
40 TM	Benzene	50.000	49.616	0.8	84	0.00
41 T	Methacrylonitrile	50.000	51.772	-3.5	78	0.00
42 TM	1,2-Dichloroethane	50.000	51.746	-3.5	86	0.00
43 T	Isopropyl Acetate	50.000	49.670	0.7	78	-0.01
44 TM	Trichloroethene	50.000	48.834	2.3	82	0.00
45 C	1,2-Dichloropropane	50.000	48.637	2.7#	81	0.00
46 T	Dibromomethane	50.000	48.641	2.7	78	0.00
47 T	Bromodichloromethane	50.000	47.952	4.1	78	0.00
48 T	Methyl methacrylate	50.000	47.912	4.2	75	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	928.188	7.2	74	-0.01
50 S	Toluene-d8	50.000	50.517	-1.0	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.992	-0.4	75	0.00
52 CM	Toluene	50.000	50.395	-0.8#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	50.016	-0.0	79	-0.01
54 T	cis-1,3-Dichloropropene	50.000	47.551	4.9	79	0.00
55 T	1,1,2-Trichloroethane	50.000	49.058	1.9	77	0.00
56 T	Ethyl methacrylate	50.000	51.103	-2.2	79	0.00
57 T	1,3-Dichloropropane	50.000	48.722	2.6	80	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	225.475	9.8	56	-0.01
59 T	2-Hexanone	250.000	213.995	14.4	74	0.00
60 T	Dibromochloromethane	50.000	52.703	-5.4	82	-0.01
61 T	1,2-Dibromoethane	50.000	48.509	3.0	78	0.00
62 S	4-Bromofluorobenzene	50.000	49.874	0.3	76	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	46.513	7.0	85	0.00
65 PM	Chlorobenzene	50.000	46.991	6.0	81	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.784	2.4	82	0.00
67 C	Ethyl Benzene	50.000	49.489	1.0#	84	0.00
68 T	m/p-Xylenes	100.000	98.076	1.9	85	-0.01
69 T	o-Xylene	50.000	48.273	3.5	81	-0.01
70 T	Styrene	50.000	47.925	4.2	80	0.00
71 P	Bromoform	50.000	48.132	3.7	75	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	-0.01
73 T	Isopropylbenzene	50.000	55.167	-10.3	84	0.00
74 T	N-amyl acetate	50.000	50.556	-1.1	72	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.847	-5.7	75	-0.01
76 T	1,2,3-Trichloropropane	50.000	51.358	-2.7	71	0.00
77 T	Bromobenzene	50.000	54.455	-8.9	81	-0.01
78 T	n-propylbenzene	50.000	55.028	-10.1	85	0.00
79 T	2-Chlorotoluene	50.000	54.826	-9.7	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.428	-8.9	82	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	50.529	-1.1	76	0.00
82 T	4-Chlorotoluene	50.000	53.420	-6.8	81	0.00
83 T	tert-Butylbenzene	50.000	54.625	-9.3	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.786	-7.6	85	-0.01
85 T	sec-Butylbenzene	50.000	55.110	-10.2	85	-0.01
86 T	p-Isopropyltoluene	50.000	52.230	-4.5	84	0.00
87 T	1,3-Dichlorobenzene	50.000	50.190	-0.4	82	0.00
88 T	1,4-Dichlorobenzene	50.000	48.779	2.4	80	0.00
89 T	n-Butylbenzene	50.000	54.813	-9.6	84	0.00
90 T	Hexachloroethane	50.000	53.305	-6.6	87	-0.01
91 T	1,2-Dichlorobenzene	50.000	51.252	-2.5	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.947	-9.9	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.808	-5.6	74	-0.01
94 T	Hexachlorobutadiene	50.000	54.988	-10.0	81	0.00
95 T	Naphthalene	50.000	43.176	13.6	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.574	-3.1	72	0.00

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