

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022498.D
 Acq On : 02 Jun 2025 14:59
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY060225

Quant Time: Jun 03 03:24:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	42.825	14.3	97	0.00
3 P	Chloromethane	50.000	47.616	4.8	107	0.00
4 C	Vinyl Chloride	50.000	48.066	3.9#	103	0.00
5 T	Bromomethane	50.000	42.515	15.0	105	0.00
6 T	Chloroethane	50.000	44.575	10.8	102	0.00
7 T	Trichlorofluoromethane	50.000	47.475	5.0	105	0.00
8 T	Diethyl Ether	50.000	44.247	11.5	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.230	9.5	96	0.00
10 T	Methyl Iodide	50.000	44.885	10.2	86	0.00
11 T	Tert butyl alcohol	250.000	205.761	17.7	87	0.00
12 CM	1,1-Dichloroethene	50.000	46.234	7.5#	98	-0.01
13 T	Acrolein	250.000	223.473	10.6	97	0.00
14 T	Allyl chloride	50.000	45.834	8.3	98	0.00
15 T	Acrylonitrile	250.000	216.963	13.2	90	0.00
16 T	Acetone	250.000	221.854	11.3	91	0.00
17 T	Carbon Disulfide	50.000	46.432	7.1	98	0.00
18 T	Methyl Acetate	50.000	38.935	22.1	82	0.00
19 T	Methyl tert-butyl Ether	50.000	43.974	12.1	92	-0.01
20 T	Methylene Chloride	50.000	40.875	18.3	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.024	8.0	99	0.00
22 T	Diisopropyl ether	50.000	44.104	11.8	93	0.00
23 T	Vinyl Acetate	250.000	223.951	10.4	94	0.00
24 P	1,1-Dichloroethane	50.000	46.053	7.9	98	0.00
25 T	2-Butanone	250.000	220.736	11.7	90	0.00
26 T	2,2-Dichloropropane	50.000	46.639	6.7	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.024	8.0	96	0.00
28 T	Bromochloromethane	50.000	46.547	6.9	101	0.00
29 T	Tetrahydrofuran	250.000	211.767	15.3	89	0.00
30 C	Chloroform	50.000	45.919	8.2#	97	0.00
31 T	Cyclohexane	50.000	43.757	12.5	97	0.00
32 T	1,1,1-Trichloroethane	50.000	46.627	6.7	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.538	12.9	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	46.676	6.6	90	0.00
36 T	1,1-Dichloropropene	50.000	46.978	6.0	97	0.00
37 T	Ethyl Acetate	50.000	43.605	12.8	85	0.00
38 T	Carbon Tetrachloride	50.000	47.747	4.5	97	0.00
39 T	Methylcyclohexane	50.000	46.923	6.2	97	0.00
40 TM	Benzene	50.000	47.020	6.0	97	0.00
41 T	Methacrylonitrile	50.000	43.134	13.7	91	-0.01
42 TM	1,2-Dichloroethane	50.000	45.644	8.7	95	0.00
43 T	Isopropyl Acetate	50.000	44.122	11.8	90	0.00
44 TM	Trichloroethene	50.000	46.609	6.8	95	0.00
45 C	1,2-Dichloropropane	50.000	46.587	6.8#	95	0.00
46 T	Dibromomethane	50.000	46.430	7.1	95	0.00
47 T	Bromodichloromethane	50.000	46.825	6.3	96	0.00
48 T	Methyl methacrylate	50.000	44.198	11.6	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	816.553	18.3	88	-0.01
50 S	Toluene-d8	50.000	46.760	6.5	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	219.250	12.3	87	0.00
52 CM	Toluene	50.000	47.137	5.7#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	46.094	7.8	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.206	7.6	94	0.00
55 T	1,1,2-Trichloroethane	50.000	44.953	10.1	94	0.00
56 T	Ethyl methacrylate	50.000	45.029	9.9	91	0.00
57 T	1,3-Dichloropropane	50.000	45.696	8.6	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	243.746	2.5	101	0.00
59 T	2-Hexanone	250.000	220.088	12.0	88	0.00
60 T	Dibromochloromethane	50.000	45.114	9.8	92	0.00
61 T	1,2-Dibromoethane	50.000	45.960	8.1	95	0.00
62 S	4-Bromofluorobenzene	50.000	45.847	8.3	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	45.398	9.2	94	0.00
65 PM	Chlorobenzene	50.000	45.953	8.1	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.464	9.1	94	0.00
67 C	Ethyl Benzene	50.000	47.248	5.5#	98	0.00
68 T	m/p-Xylenes	100.000	93.473	6.5	97	0.00
69 T	o-Xylene	50.000	45.959	8.1	96	0.00
70 T	Styrene	50.000	46.815	6.4	96	0.00
71 P	Bromoform	50.000	44.852	10.3	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	46.933	6.1	97	0.00
74 T	N-amyl acetate	50.000	45.502	9.0	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.656	10.7	92	0.00
76 T	1,2,3-Trichloropropane	50.000	41.103	17.8	78	0.00
77 T	Bromobenzene	50.000	45.607	8.8	95	0.00
78 T	n-propylbenzene	50.000	46.696	6.6	96	0.00
79 T	2-Chlorotoluene	50.000	46.472	7.1	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.876	6.2	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.968	14.1	91	0.00
82 T	4-Chlorotoluene	50.000	46.289	7.4	95	0.00
83 T	tert-Butylbenzene	50.000	47.655	4.7	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.735	6.5	97	0.00
85 T	sec-Butylbenzene	50.000	47.241	5.5	98	0.00
86 T	p-Isopropyltoluene	50.000	47.321	5.4	98	0.00
87 T	1,3-Dichlorobenzene	50.000	45.932	8.1	97	0.00
88 T	1,4-Dichlorobenzene	50.000	45.113	9.8	94	0.00
89 T	n-Butylbenzene	50.000	47.968	4.1	98	0.00
90 T	Hexachloroethane	50.000	47.101	5.8	97	0.00
91 T	1,2-Dichlorobenzene	50.000	45.213	9.6	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.665	10.7	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.481	7.0	96	0.00
94 T	Hexachlorobutadiene	50.000	45.457	9.1	95	0.00
95 T	Naphthalene	50.000	45.009	10.0	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.331	11.3	92	0.00

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