

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021404.D
 Acq On : 04 Mar 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030425

Quant Time: Mar 05 04:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 03:21:56 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	47.113	5.8	93	0.00
3 P	Chloromethane	50.000	49.075	1.8	99	0.00
4 C	Vinyl Chloride	50.000	50.231	-0.5#	99	0.00
5 T	Bromomethane	50.000	46.283	7.4	98	0.00
6 T	Chloroethane	50.000	48.912	2.2	96	0.00
7 T	Trichlorofluoromethane	50.000	49.011	2.0	97	0.00
8 T	Diethyl Ether	50.000	45.628	8.7	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.142	3.7	97	0.00
10 T	Methyl Iodide	50.000	48.336	3.3	85	0.00
11 T	Tert butyl alcohol	250.000	211.206	15.5	75	0.00
12 CM	1,1-Dichloroethene	50.000	49.424	1.2#	97	0.00
13 T	Acrolein	250.000	45.035	82.0#	103	0.00
14 T	Allyl chloride	50.000	50.500	-1.0	96	0.00
15 T	Acrylonitrile	250.000	218.213	12.7	79	0.00
16 T	Acetone	250.000	241.068	3.6	80	0.00
17 T	Carbon Disulfide	50.000	50.464	-0.9	96	0.00
18 T	Methyl Acetate	50.000	44.501	11.0	77	0.00
19 T	Methyl tert-butyl Ether	50.000	45.249	9.5	83	0.00
20 T	Methylene Chloride	50.000	43.913	12.2	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.065	3.9	95	0.00
22 T	Diisopropyl ether	50.000	48.325	3.3	90	0.00
23 T	Vinyl Acetate	250.000	233.756	6.5	83	0.00
24 P	1,1-Dichloroethane	50.000	48.243	3.5	94	0.00
25 T	2-Butanone	250.000	222.145	11.1	76	0.00
26 T	2,2-Dichloropropane	50.000	48.615	2.8	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.506	3.0	94	0.00
28 T	Bromochloromethane	50.000	56.200	-12.4	103	0.00
29 T	Tetrahydrofuran	250.000	214.177	14.3	74	0.00
30 C	Chloroform	50.000	47.758	4.5#	93	0.00
31 T	Cyclohexane	50.000	47.720	4.6	97	0.00
32 T	1,1,1-Trichloroethane	50.000	48.703	2.6	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.828	0.3	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	50.894	-1.8	111	0.00
36 T	1,1-Dichloropropene	50.000	48.866	2.3	95	0.00
37 T	Ethyl Acetate	50.000	43.078	13.8	78	0.00
38 T	Carbon Tetrachloride	50.000	48.800	2.4	97	0.00
39 T	Methylcyclohexane	50.000	51.724	-3.4	98	0.00
40 TM	Benzene	50.000	48.542	2.9	94	0.00
41 T	Methacrylonitrile	50.000	51.920	-3.8	96	0.03
42 TM	1,2-Dichloroethane	50.000	45.393	9.2	87	0.00
43 T	Isopropyl Acetate	50.000	43.036	13.9	77	0.00
44 TM	Trichloroethene	50.000	48.321	3.4	95	0.00
45 C	1,2-Dichloropropane	50.000	47.287	5.4#	91	0.00
46 T	Dibromomethane	50.000	45.413	9.2	84	0.00
47 T	Bromodichloromethane	50.000	46.755	6.5	89	0.00
48 T	Methyl methacrylate	50.000	45.652	8.7	79	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	874.634	12.5	75	0.00
50 S	Toluene-d8	50.000	53.263	-6.5	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	216.781	13.3	74	0.00
52 CM	Toluene	50.000	49.486	1.0#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	47.312	5.4	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.236	3.5	90	0.00
55 T	1,1,2-Trichloroethane	50.000	44.786	10.4	82	0.00
56 T	Ethyl methacrylate	50.000	46.305	7.4	79	0.00
57 T	1,3-Dichloropropane	50.000	46.108	7.8	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.869	0.9	86	0.00
59 T	2-Hexanone	250.000	224.350	10.3	73	0.00
60 T	Dibromochloromethane	50.000	46.278	7.4	87	0.00
61 T	1,2-Dibromoethane	50.000	45.932	8.1	85	0.00
62 S	4-Bromofluorobenzene	50.000	51.560	-3.1	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	49.207	1.6	94	0.00
65 PM	Chlorobenzene	50.000	48.611	2.8	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.104	3.8	91	0.00
67 C	Ethyl Benzene	50.000	50.757	-1.5#	94	0.00
68 T	m/p-Xylenes	100.000	100.830	-0.8	92	0.00
69 T	o-Xylene	50.000	51.096	-2.2	93	0.00
70 T	Styrene	50.000	50.400	-0.8	90	0.00
71 P	Bromoform	50.000	45.886	8.2	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	52.186	-4.4	94	0.00
74 T	N-amyl acetate	50.000	45.591	8.8	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.086	11.8	78	0.00
76 T	1,2,3-Trichloropropane	50.000	44.986	10.0	85	0.00
77 T	Bromobenzene	50.000	48.194	3.6	89	0.00
78 T	n-propylbenzene	50.000	52.233	-4.5	94	0.00
79 T	2-Chlorotoluene	50.000	50.525	-1.0	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.113	-4.2	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.578	8.8	79	0.00
82 T	4-Chlorotoluene	50.000	50.122	-0.2	92	0.00
83 T	tert-Butylbenzene	50.000	53.088	-6.2	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.510	-3.0	93	0.00
85 T	sec-Butylbenzene	50.000	52.908	-5.8	96	0.00
86 T	p-Isopropyltoluene	50.000	52.556	-5.1	95	0.00
87 T	1,3-Dichlorobenzene	50.000	48.728	2.5	91	0.00
88 T	1,4-Dichlorobenzene	50.000	48.331	3.3	90	0.00
89 T	n-Butylbenzene	50.000	53.606	-7.2	95	0.00
90 T	Hexachloroethane	50.000	50.084	-0.2	95	0.00
91 T	1,2-Dichlorobenzene	50.000	47.985	4.0	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.654	14.7	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.388	1.2	86	0.00
94 T	Hexachlorobutadiene	50.000	52.186	-4.4	94	0.00
95 T	Naphthalene	50.000	45.480	9.0	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.639	2.7	84	0.00

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