

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021792.D
 Acq On : 04 Apr 2025 17:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 04 23:41:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	73	0.00
2 T	Dichlorodifluoromethane	50.000	34.675	30.7#	52	0.00
3 P	Chloromethane	50.000	37.926	24.1	58	0.00
4 C	Vinyl Chloride	50.000	40.388	19.2#	61	0.00
5 T	Bromomethane	50.000	41.105	17.8	66	0.00
6 T	Chloroethane	50.000	44.021	12.0	68	0.00
7 T	Trichlorofluoromethane	50.000	45.822	8.4	70	0.00
8 T	Diethyl Ether	50.000	47.399	5.2	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.950	0.1	76	0.00
10 T	Methyl Iodide	50.000	45.932	8.1	63	0.00
11 T	Tert butyl alcohol	250.000	243.556	2.6	74	0.00
12 CM	1,1-Dichloroethene	50.000	45.612	8.8#	68	0.00
13 T	Acrolein	250.000	7.930	96.8#	2	0.00
14 T	Allyl chloride	50.000	47.435	5.1	69	0.00
15 T	Acrylonitrile	250.000	267.842	-7.1	78	0.00
16 T	Acetone	250.000	215.455	13.8	65	0.00
17 T	Carbon Disulfide	50.000	37.940	24.1	57	0.00
18 T	Methyl Acetate	50.000	76.853	-53.7#	116	0.00
19 T	Methyl tert-butyl Ether	50.000	50.970	-1.9	73	0.00
20 T	Methylene Chloride	50.000	53.510	-7.0	75	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.223	5.6	70	0.00
22 T	Diisopropyl ether	50.000	52.609	-5.2	75	0.00
23 T	Vinyl Acetate	250.000	238.431	4.6	67	0.00
24 P	1,1-Dichloroethane	50.000	50.240	-0.5	74	0.00
25 T	2-Butanone	250.000	252.446	-1.0	74	0.00
26 T	2,2-Dichloropropane	50.000	46.414	7.2	69	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.266	-0.5	73	0.00
28 T	Bromochloromethane	50.000	49.629	0.7	75	0.00
29 T	Tetrahydrofuran	250.000	265.308	-6.1	75	0.00
30 C	Chloroform	50.000	51.519	-3.0#	76	0.00
31 T	Cyclohexane	50.000	45.062	9.9	69	0.00
32 T	1,1,1-Trichloroethane	50.000	50.714	-1.4	76	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.291	1.4	71	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	73	0.00
35 S	Dibromofluoromethane	50.000	51.567	-3.1	72	0.00
36 T	1,1-Dichloropropene	50.000	50.035	-0.1	72	0.00
37 T	Ethyl Acetate	50.000	51.733	-3.5	74	0.00
38 T	Carbon Tetrachloride	50.000	51.249	-2.5	75	0.00
39 T	Methylcyclohexane	50.000	50.922	-1.8	70	0.00
40 TM	Benzene	50.000	51.051	-2.1	73	0.00
41 T	Methacrylonitrile	50.000	52.095	-4.2	68	-0.02
42 TM	1,2-Dichloroethane	50.000	51.801	-3.6	75	0.00
43 T	Isopropyl Acetate	50.000	52.369	-4.7	74	0.00
44 TM	Trichloroethene	50.000	51.907	-3.8	76	0.00
45 C	1,2-Dichloropropane	50.000	53.457	-6.9#	77	0.00
46 T	Dibromomethane	50.000	53.422	-6.8	79	0.00
47 T	Bromodichloromethane	50.000	53.857	-7.7	78	0.00
48 T	Methyl methacrylate	50.000	54.919	-9.8	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1042.700	-4.3	73	0.00
50 S	Toluene-d8	50.000	49.581	0.8	68	0.00
51 T	4-Methyl-2-Pentanone	250.000	285.663	-14.3	79	0.00
52 CM	Toluene	50.000	52.527	-5.1#	74	0.00
53 T	t-1,3-Dichloropropene	50.000	52.910	-5.8	73	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.714	-3.4	73	0.00
55 T	1,1,2-Trichloroethane	50.000	56.175	-12.3	81	0.00
56 T	Ethyl methacrylate	50.000	57.212	-14.4	75	0.00
57 T	1,3-Dichloropropane	50.000	54.092	-8.2	77	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	294.907	-18.0	77	0.00
59 T	2-Hexanone	250.000	288.335	-15.3	78	0.00
60 T	Dibromochloromethane	50.000	56.412	-12.8	80	0.00
61 T	1,2-Dibromoethane	50.000	54.475	-9.0	76	0.00
62 S	4-Bromofluorobenzene	50.000	54.025	-8.0	75	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64 T	Tetrachloroethene	50.000	51.070	-2.1	78	0.00
65 PM	Chlorobenzene	50.000	50.644	-1.3	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.241	-4.5	78	0.00
67 C	Ethyl Benzene	50.000	51.739	-3.5#	75	0.00
68 T	m/p-Xylenes	100.000	103.189	-3.2	74	0.00
69 T	o-Xylene	50.000	52.528	-5.1	74	0.00
70 T	Styrene	50.000	54.028	-8.1	76	0.00
71 P	Bromoform	50.000	54.280	-8.6	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	46.563	6.9	76	0.00
74 T	N-amyl acetate	50.000	44.542	10.9	71	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.870	8.3	79	0.00
76 T	1,2,3-Trichloropropane	50.000	46.487	7.0	78	0.00
77 T	Bromobenzene	50.000	45.591	8.8	77	0.00
78 T	n-propylbenzene	50.000	47.555	4.9	78	0.00
79 T	2-Chlorotoluene	50.000	45.910	8.2	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.086	5.8	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.020	14.0	70	0.00
82 T	4-Chlorotoluene	50.000	46.082	7.8	76	0.00
83 T	tert-Butylbenzene	50.000	48.092	3.8	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.974	4.1	78	0.00
85 T	sec-Butylbenzene	50.000	48.717	2.6	79	0.00
86 T	p-Isopropyltoluene	50.000	48.991	2.0	79	0.00
87 T	1,3-Dichlorobenzene	50.000	46.907	6.2	80	0.00
88 T	1,4-Dichlorobenzene	50.000	46.644	6.7	79	0.00
89 T	n-Butylbenzene	50.000	49.033	1.9	79	0.00
90 T	Hexachloroethane	50.000	47.153	5.7	81	0.00
91 T	1,2-Dichlorobenzene	50.000	47.349	5.3	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.715	2.6	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.055	-0.1	80	0.00
94 T	Hexachlorobutadiene	50.000	50.768	-1.5	85	0.00
95 T	Naphthalene	50.000	54.294	-8.6	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.591	-3.2	83	0.00

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