

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018873.D
 Acq On : 19 Jul 2024 10:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 19 23:00:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	45.216	9.6	75	0.00
3 P	Chloromethane	50.000	42.571	14.9	74	0.00
4 C	Vinyl Chloride	50.000	44.790	10.4#	76	0.01
5 T	Bromomethane	50.000	48.139	3.7	91	0.00
6 T	Chloroethane	50.000	46.966	6.1	84	0.01
7 T	Trichlorofluoromethane	50.000	45.798	8.4	77	0.01
8 T	Diethyl Ether	50.000	52.262	-4.5	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.425	7.2	77	0.00
10 T	Methyl Iodide	50.000	52.523	-5.0	84	0.00
11 T	Tert butyl alcohol	250.000	180.510	27.8#	86	0.00
12 CM	1,1-Dichloroethene	50.000	46.068	7.9#	80	0.01
13 T	Acrolein	250.000	166.201	33.5#	64	0.00
14 T	Allyl chloride	50.000	47.521	5.0	83	0.00
15 T	Acrylonitrile	250.000	262.734	-5.1	92	0.01
16 T	Acetone	250.000	295.292	-18.1	107	0.00
17 T	Carbon Disulfide	50.000	45.112	9.8	76	0.00
18 T	Methyl Acetate	50.000	49.083	1.8	94	0.00
19 T	Methyl tert-butyl Ether	50.000	51.647	-3.3	89	0.00
20 T	Methylene Chloride	50.000	48.459	3.1	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.702	4.6	82	0.01
22 T	Diisopropyl ether	50.000	50.421	-0.8	91	0.00
23 T	Vinyl Acetate	250.000	265.181	-6.1	91	0.00
24 P	1,1-Dichloroethane	50.000	48.496	3.0	86	0.00
25 T	2-Butanone	250.000	271.313	-8.5	96	0.00
26 T	2,2-Dichloropropane	50.000	48.387	3.2	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.055	1.9	88	0.01
28 T	Bromochloromethane	50.000	46.293	7.4	82	0.00
29 T	Tetrahydrofuran	250.000	264.156	-5.7	91	0.00
30 C	Chloroform	50.000	49.978	0.0#	89	0.01
31 T	Cyclohexane	50.000	42.789	14.4	76	0.00
32 T	1,1,1-Trichloroethane	50.000	49.481	1.0	84	0.01
33 S	1,2-Dichloroethane-d4	50.000	48.815	2.4	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	49.084	1.8	81	0.01
36 T	1,1-Dichloropropene	50.000	47.030	5.9	81	0.00
37 T	Ethyl Acetate	50.000	52.670	-5.3	89	0.00
38 T	Carbon Tetrachloride	50.000	48.514	3.0	81	0.00
39 T	Methylcyclohexane	50.000	47.054	5.9	79	0.00
40 TM	Benzene	50.000	48.368	3.3	85	0.00
41 T	Methacrylonitrile	50.000	48.337	3.3	91	-0.03
42 TM	1,2-Dichloroethane	50.000	50.529	-1.1	89	0.00
43 T	Isopropyl Acetate	50.000	51.187	-2.4	89	0.00
44 TM	Trichloroethene	50.000	49.747	0.5	88	0.00
45 C	1,2-Dichloropropane	50.000	49.576	0.8#	88	0.00
46 T	Dibromomethane	50.000	52.380	-4.8	89	0.00
47 T	Bromodichloromethane	50.000	52.268	-4.5	91	0.00
48 T	Methyl methacrylate	50.000	51.734	-3.5	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	950.261	5.0	82	0.00
50 S	Toluene-d8	50.000	46.558	6.9	77	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.523	-9.8	93	0.00
52 CM	Toluene	50.000	48.770	2.5#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	51.968	-3.9	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.479	-3.0	89	0.00
55 T	1,1,2-Trichloroethane	50.000	52.611	-5.2	92	0.00
56 T	Ethyl methacrylate	50.000	53.220	-6.4	91	0.00
57 T	1,3-Dichloropropane	50.000	52.112	-4.2	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	294.859	-17.9	95	0.00
59 T	2-Hexanone	250.000	278.700	-11.5	94	0.00
60 T	Dibromochloromethane	50.000	53.814	-7.6	93	0.00
61 T	1,2-Dibromoethane	50.000	52.412	-4.8	89	0.00
62 S	4-Bromofluorobenzene	50.000	46.634	6.7	79	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	48.187	3.6	83	0.00
65 PM	Chlorobenzene	50.000	50.510	-1.0	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.736	-3.5	91	0.00
67 C	Ethyl Benzene	50.000	48.767	2.5#	86	0.00
68 T	m/p-Xylenes	100.000	97.001	3.0	85	0.00
69 T	o-Xylene	50.000	49.471	1.1	86	0.00
70 T	Styrene	50.000	50.782	-1.6	89	0.00
71 P	Bromoform	50.000	57.767	-15.5	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	46.995	6.0	83	0.00
74 T	N-ethyl acetate	50.000	51.287	-2.6	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.053	1.9	88	0.00
76 T	1,2,3-Trichloropropane	50.000	54.150	-8.3	105	0.00
77 T	Bromobenzene	50.000	48.402	3.2	88	0.00
78 T	n-propylbenzene	50.000	46.575	6.8	83	0.00
79 T	2-Chlorotoluene	50.000	46.496	7.0	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.729	6.5	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.580	-3.2	87	0.00
82 T	4-Chlorotoluene	50.000	47.387	5.2	86	0.00
83 T	tert-Butylbenzene	50.000	46.621	6.8	84	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.149	5.7	85	0.00
85 T	sec-Butylbenzene	50.000	47.585	4.8	83	0.00
86 T	p-Isopropyltoluene	50.000	47.398	5.2	84	0.00
87 T	1,3-Dichlorobenzene	50.000	47.631	4.7	86	0.00
88 T	1,4-Dichlorobenzene	50.000	48.228	3.5	88	0.00
89 T	n-Butylbenzene	50.000	46.387	7.2	81	0.00
90 T	Hexachloroethane	50.000	46.864	6.3	83	0.00
91 T	1,2-Dichlorobenzene	50.000	48.885	2.2	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.401	7.2	77	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.582	4.8	82	0.00
94 T	Hexachlorobutadiene	50.000	47.610	4.8	80	0.00
95 T	Naphthalene	50.000	48.196	3.6	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.073	7.9	79	0.00

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