

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008198.D
 Acq On : 05 Apr 2022 10:05
 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: Apr 06 03:54:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	43.531	12.9	70	0.00
3 P	Chloromethane	50.000	47.027	5.9	76	0.00
4 C	Vinyl Chloride	50.000	47.326	5.3#	76	0.00
5 T	Bromomethane	50.000	46.026	7.9	79	0.01
6 T	Chloroethane	50.000	49.231	1.5	81	0.00
7 T	Trichlorofluoromethane	50.000	44.009	12.0	73	0.00
8 T	Diethyl Ether	50.000	47.135	5.7	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.001	8.0	75	0.00
10 T	Methyl Iodide	50.000	46.427	7.1	75	0.00
11 T	Tert butyl alcohol	250.000	201.327	19.5	64	0.00
12 CM	1,1-Dichloroethene	50.000	45.966	8.1#	76	0.00
13 T	Acrolein	250.000	208.280	16.7	74	0.01
14 T	Allyl chloride	50.000	44.699	10.6	71	0.00
15 T	Acrylonitrile	250.000	236.264	5.5	75	0.00
16 T	Acetone	250.000	260.666	-4.3	79	0.00
17 T	Carbon Disulfide	50.000	44.154	11.7	71	0.00
18 T	Methyl Acetate	50.000	45.532	8.9	73	0.00
19 T	Methyl tert-butyl Ether	50.000	47.526	4.9	77	0.00
20 T	Methylene Chloride	50.000	49.306	1.4	80	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.292	5.4	78	0.00
22 T	Diisopropyl ether	50.000	49.454	1.1	78	0.00
23 T	Vinyl Acetate	250.000	254.582	-1.8	75	0.00
24 P	1,1-Dichloroethane	50.000	48.459	3.1	79	0.00
25 T	2-Butanone	250.000	239.097	4.4	73	0.00
26 T	2,2-Dichloropropane	50.000	47.993	4.0	77	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.232	3.5	79	0.00
28 T	Bromochloromethane	50.000	47.005	6.0	77	0.00
29 T	Tetrahydrofuran	250.000	227.132	9.1	70	0.00
30 C	Chloroform	50.000	49.035	1.9#	80	0.00
31 T	Cyclohexane	50.000	42.089	15.8	72	0.00
32 T	1,1,1-Trichloroethane	50.000	47.467	5.1	76	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.729	10.5	75	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	47.181	5.6	78	0.00
36 T	1,1-Dichloropropene	50.000	47.662	4.7	76	0.00
37 T	Ethyl Acetate	50.000	46.923	6.2	72	0.00
38 T	Carbon Tetrachloride	50.000	46.934	6.1	75	0.00
39 T	Methylcyclohexane	50.000	44.401	11.2	72	0.00
40 TM	Benzene	50.000	48.928	2.1	79	0.00
41 T	Methacrylonitrile	50.000	46.088	7.8	79	0.00
42 TM	1,2-Dichloroethane	50.000	48.079	3.8	77	0.00
43 T	Isopropyl Acetate	50.000	45.625	8.8	72	0.00
44 TM	Trichloroethene	50.000	48.874	2.3	79	0.00
45 C	1,2-Dichloropropane	50.000	49.426	1.1#	79	0.00
46 T	Dibromomethane	50.000	48.737	2.5	77	0.00
47 T	Bromodichloromethane	50.000	49.097	1.8	78	0.00
48 T	Methyl methacrylate	50.000	44.146	11.7	69	0.00

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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)
49 T	1,4-Dioxane	1000.000	931.204	6.9	70	0.00
50 S	Toluene-d8	50.000	45.988	8.0	75	0.00
51 T	4-Methyl-2-Pentanone	250.000	236.166	5.5	72	0.00
52 CM	Toluene	50.000	49.742	0.5#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	49.534	0.9	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.187	1.6	78	0.00
55 T	1,1,2-Trichloroethane	50.000	49.896	0.2	78	0.00
56 T	Ethyl methacrylate	50.000	48.220	3.6	72	0.00
57 T	1,3-Dichloropropane	50.000	49.095	1.8	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	216.831	13.3	76	0.00
59 T	2-Hexanone	250.000	239.150	4.3	72	0.00
60 T	Dibromochloromethane	50.000	49.648	0.7	77	0.00
61 T	1,2-Dibromoethane	50.000	48.084	3.8	74	0.00
62 S	4-Bromofluorobenzene	50.000	44.522	11.0	72	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	47.336	5.3	79	0.00
65 PM	Chlorobenzene	50.000	49.643	0.7	79	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.311	-0.6	79	0.00
67 C	Ethyl Benzene	50.000	49.434	1.1#	78	0.00
68 T	m/p-Xylenes	100.000	99.846	0.2	78	0.00
69 T	o-Xylene	50.000	50.010	-0.0	78	0.00
70 T	Styrene	50.000	51.129	-2.3	78	0.00
71 P	Bromoform	50.000	49.763	0.5	75	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	47.731	4.5	77	0.00
74 T	N-amyl acetate	50.000	44.214	11.6	71	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.920	4.2	76	0.00
76 T	1,2,3-Trichloropropane	50.000	47.906	4.2	80	0.00
77 T	Bromobenzene	50.000	49.254	1.5	78	0.00
78 T	n-propylbenzene	50.000	47.922	4.2	78	0.00
79 T	2-Chlorotoluene	50.000	47.163	5.7	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.025	4.0	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.899	10.2	70	0.00
82 T	4-Chlorotoluene	50.000	48.046	3.9	77	0.00
83 T	tert-Butylbenzene	50.000	49.926	0.1	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.563	2.9	78	0.00
85 T	sec-Butylbenzene	50.000	48.290	3.4	77	0.00
86 T	p-Isopropyltoluene	50.000	48.697	2.6	77	0.00
87 T	1,3-Dichlorobenzene	50.000	49.951	0.1	78	0.00
88 T	1,4-Dichlorobenzene	50.000	49.142	1.7	78	0.00
89 T	n-Butylbenzene	50.000	47.275	5.5	76	0.00
90 T	Hexachloroethane	50.000	46.030	7.9	73	0.00
91 T	1,2-Dichlorobenzene	50.000	48.979	2.0	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.803	16.4	67	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.231	5.5	76	0.00
94 T	Hexachlorobutadiene	50.000	45.978	8.0	77	0.00
95 T	Naphthalene	50.000	44.057	11.9	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.239	7.5	75	0.00

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