

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009823.D
 Acq On : 04 Aug 2022 10:57
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 05 01:41:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	44.489	11.0	91	0.00
3 P	Chloromethane	50.000	40.581	18.8	88	0.00
4 C	Vinyl Chloride	50.000	41.872	16.3#	89	0.00
5 T	Bromomethane	50.000	42.924	14.2	91	0.00
6 T	Chloroethane	50.000	43.584	12.8	92	0.00
7 T	Trichlorofluoromethane	50.000	41.878	16.2	87	0.00
8 T	Diethyl Ether	50.000	44.764	10.5	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.361	13.3	92	0.01
10 T	Methyl Iodide	50.000	43.830	12.3	86	0.00
11 T	Tert butyl alcohol	250.000	201.807	19.3	99	0.00
12 CM	1,1-Dichloroethene	50.000	42.298	15.4#	89	0.00
13 T	Acrolein	250.000	150.559	39.8#	87	0.00
14 T	Allyl chloride	50.000	44.663	10.7	93	0.00
15 T	Acrylonitrile	250.000	217.742	12.9	91	0.00
16 T	Acetone	250.000	239.388	4.2	102	0.00
17 T	Carbon Disulfide	50.000	41.081	17.8	87	0.00
18 T	Methyl Acetate	50.000	40.293	19.4	93	0.00
19 T	Methyl tert-butyl Ether	50.000	46.656	6.7	95	-0.01
20 T	Methylene Chloride	50.000	44.300	11.4	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.919	12.2	91	0.00
22 T	Diisopropyl ether	50.000	45.637	8.7	91	0.00
23 T	Vinyl Acetate	250.000	234.259	6.3	92	0.00
24 P	1,1-Dichloroethane	50.000	44.285	11.4	92	0.00
25 T	2-Butanone	250.000	216.340	13.5	93	0.00
26 T	2,2-Dichloropropane	50.000	44.109	11.8	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.388	9.2	92	0.00
28 T	Bromochloromethane	50.000	47.629	4.7	99	0.00
29 T	Tetrahydrofuran	250.000	220.645	11.7	93	0.00
30 C	Chloroform	50.000	44.506	11.0#	92	0.00
31 T	Cyclohexane	50.000	42.563	14.9	89	0.00
32 T	1,1,1-Trichloroethane	50.000	44.200	11.6	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.577	6.8	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	45.323	9.4	99	0.00
36 T	1,1-Dichloropropene	50.000	45.668	8.7	90	0.00
37 T	Ethyl Acetate	50.000	43.237	13.5	93	0.00
38 T	Carbon Tetrachloride	50.000	46.699	6.6	94	0.00
39 T	Methylcyclohexane	50.000	45.904	8.2	91	0.00
40 TM	Benzene	50.000	45.748	8.5	92	0.00
41 T	Methacrylonitrile	50.000	57.965	-15.9	129	0.02
42 TM	1,2-Dichloroethane	50.000	46.725	6.5	95	0.00
43 T	Isopropyl Acetate	50.000	46.304	7.4	93	0.00
44 TM	Trichloroethene	50.000	46.156	7.7	94	0.00
45 C	1,2-Dichloropropane	50.000	46.767	6.5#	92	0.00
46 T	Dibromomethane	50.000	43.592	12.8	91	0.00
47 T	Bromodichloromethane	50.000	45.078	9.8	96	0.00
48 T	Methyl methacrylate	50.000	44.082	11.8	87	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	708.551	29.1#	75	0.00
50 S	Toluene-d8	50.000	43.443	13.1	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	230.508	7.8	93	0.00
52 CM	Toluene	50.000	45.129	9.7#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	49.279	1.4	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.691	8.6	91	0.00
55 T	1,1,2-Trichloroethane	50.000	48.327	3.3	100	0.00
56 T	Ethyl methacrylate	50.000	45.413	9.2	99	0.00
57 T	1,3-Dichloropropane	50.000	47.204	5.6	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.257	-0.1	100	0.00
59 T	2-Hexanone	250.000	257.805	-3.1	103	0.00
60 T	Dibromochloromethane	50.000	48.079	3.8	100	0.00
61 T	1,2-Dibromoethane	50.000	46.596	6.8	89	0.00
62 S	4-Bromofluorobenzene	50.000	46.970	6.1	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	43.784	12.4	97	0.00
65 PM	Chlorobenzene	50.000	46.364	7.3	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.649	8.7	90	0.00
67 C	Ethyl Benzene	50.000	46.529	6.9#	87	0.00
68 T	m/p-Xylenes	100.000	91.454	8.5	86	0.00
69 T	o-Xylene	50.000	44.665	10.7	81	0.00
70 T	Styrene	50.000	41.097	17.8	79	0.00
71 P	Bromoform	50.000	42.131	15.7	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	47.399	5.2	80	0.00
74 T	N-amyl acetate	50.000	43.015	14.0	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.639	10.7	81	0.00
76 T	1,2,3-Trichloropropane	50.000	59.507	-19.0	114	0.00
77 T	Bromobenzene	50.000	44.799	10.4	81	0.00
78 T	n-propylbenzene	50.000	47.606	4.8	79	0.00
79 T	2-Chlorotoluene	50.000	46.161	7.7	79	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.850	4.3	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.920	8.2	80	0.00
82 T	4-Chlorotoluene	50.000	46.413	7.2	79	0.00
83 T	tert-Butylbenzene	50.000	48.062	3.9	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.614	2.8	82	0.00
85 T	sec-Butylbenzene	50.000	48.687	2.6	84	0.00
86 T	p-Isopropyltoluene	50.000	49.342	1.3	85	0.00
87 T	1,3-Dichlorobenzene	50.000	46.608	6.8	86	0.00
88 T	1,4-Dichlorobenzene	50.000	45.751	8.5	87	0.00
89 T	n-Butylbenzene	50.000	48.891	2.2	84	0.00
90 T	Hexachloroethane	50.000	46.086	7.8	85	0.00
91 T	1,2-Dichlorobenzene	50.000	47.180	5.6	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.269	7.5	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.489	3.0	92	0.00
94 T	Hexachlorobutadiene	50.000	46.775	6.5	89	0.00
95 T	Naphthalene	50.000	43.720	12.6	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.112	3.8	90	0.00

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