

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009105.D
 Acq On : 25 May 2022 21:10
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 26 04:33:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 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	58	0.00
2 T	Dichlorodifluoromethane	50.000	41.738	16.5	46	0.00
3 P	Chloromethane	50.000	50.605	-1.2	55	0.00
4 C	Vinyl Chloride	50.000	48.317	3.4#	53	0.00
5 T	Bromomethane	50.000	46.320	7.4	62	0.00
6 T	Chloroethane	50.000	48.949	2.1	57	0.00
7 T	Trichlorofluoromethane	50.000	42.033	15.9	48	0.00
8 T	Diethyl Ether	50.000	47.221	5.6	55	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.344	13.3	48	0.00
10 T	Methyl Iodide	50.000	37.178	25.6#	36	0.00
11 T	Tert butyl alcohol	250.000	213.256	14.7	51	0.01
12 CM	1,1-Dichloroethene	50.000	42.729	14.5#	48	0.01
13 T	Acrolein	250.000	95.533	61.8#	41	0.01
14 T	Allyl chloride	50.000	43.689	12.6	48	0.00
15 T	Acrylonitrile	250.000	234.184	6.3	54	0.00
16 T	Acetone	250.000	224.512	10.2	53	0.00
17 T	Carbon Disulfide	50.000	42.360	15.3	47	0.00
18 T	Methyl Acetate	50.000	47.493	5.0	54	0.00
19 T	Methyl tert-butyl Ether	50.000	45.360	9.3	51	0.00
20 T	Methylene Chloride	50.000	47.248	5.5	53	0.00
21 T	trans-1,2-Dichloroethene	50.000	41.836	16.3	48	0.00
22 T	Diisopropyl ether	50.000	45.130	9.7	50	0.00
23 T	Vinyl Acetate	250.000	231.341	7.5	50	0.00
24 P	1,1-Dichloroethane	50.000	44.074	11.9	50	0.00
25 T	2-Butanone	250.000	232.087	7.2	52	0.00
26 T	2,2-Dichloropropane	50.000	40.016	20.0	46	0.00
27 T	cis-1,2-Dichloroethene	50.000	43.659	12.7	49	0.00
28 T	Bromochloromethane	50.000	56.770	-13.5	67	0.00
29 T	Tetrahydrofuran	250.000	233.609	6.6	51	0.00
30 C	Chloroform	50.000	43.668	12.7#	49	0.00
31 T	Cyclohexane	50.000	39.000	22.0	45	0.00
32 T	1,1,1-Trichloroethane	50.000	42.150	15.7	47	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.103	13.8	64	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	59	0.00
35 S	Dibromofluoromethane	50.000	45.241	9.5	63	0.00
36 T	1,1-Dichloropropene	50.000	40.815	18.4	46	0.00
37 T	Ethyl Acetate	50.000	44.142	11.7	51	0.00
38 T	Carbon Tetrachloride	50.000	40.151	19.7	46	0.00
39 T	Methylcyclohexane	50.000	38.578	22.8	42	0.00
40 TM	Benzene	50.000	42.097	15.8	47	0.00
41 T	Methacrylonitrile	50.000	45.406	9.2	50	0.00
42 TM	1,2-Dichloroethane	50.000	43.989	12.0	50	0.00
43 T	Isopropyl Acetate	50.000	45.048	9.9	50	0.00
44 TM	Trichloroethene	50.000	40.698	18.6	46	0.00
45 C	1,2-Dichloropropane	50.000	44.850	10.3#	50	0.00
46 T	Dibromomethane	50.000	44.754	10.5	50	0.00
47 T	Bromodichloromethane	50.000	43.769	12.5	49	0.00
48 T	Methyl methacrylate	50.000	47.273	5.5	51	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	890.689	10.9	50	0.00
50 S	Toluene-d8	50.000	38.744	22.5	59	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.653	5.7	51	0.00
52 CM	Toluene	50.000	41.049	17.9#	44	0.00
53 T	t-1,3-Dichloropropene	50.000	43.430	13.1	47	0.00
54 T	cis-1,3-Dichloropropene	50.000	43.156	13.7	48	0.00
55 T	1,1,2-Trichloroethane	50.000	43.813	12.4	48	0.00
56 T	Ethyl methacrylate	50.000	44.397	11.2	47	0.00
57 T	1,3-Dichloropropane	50.000	44.779	10.4	49	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.490	-4.2	57	0.00
59 T	2-Hexanone	250.000	242.049	3.2	51	0.00
60 T	Dibromochloromethane	50.000	42.524	15.0	46	0.00
61 T	1,2-Dibromoethane	50.000	42.808	14.4	47	0.00
62 S	4-Bromofluorobenzene	50.000	47.278	5.4	52	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	57	0.00
64 T	Tetrachloroethene	50.000	38.800	22.4	43	0.00
65 PM	Chlorobenzene	50.000	41.071	17.9	45	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	42.493	15.0	45	0.00
67 C	Ethyl Benzene	50.000	42.377	15.2#	44	0.00
68 T	m/p-Xylenes	100.000	87.110	12.9	43	0.00
69 T	o-Xylene	50.000	42.846	14.3	43	0.00
70 T	Styrene	50.000	45.236	9.5	44	0.00
71 P	Bromoform	50.000	42.345	15.3	43	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	56	0.00
73 T	Isopropylbenzene	50.000	38.382	23.2	43	0.00
74 T	N-amyl acetate	50.000	45.531	8.9	50	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	39.731	20.5	46	0.00
76 T	1,2,3-Trichloropropane	50.000	48.527	2.9	53	0.00
77 T	Bromobenzene	50.000	37.187	25.6#	43	0.00
78 T	n-propylbenzene	50.000	41.850	16.3	69	0.00
79 T	2-Chlorotoluene	50.000	39.456	21.1	43	0.00
80 T	1,3,5-Trimethylbenzene	50.000	39.653	20.7	42	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	39.189	21.6	45	0.00
82 T	4-Chlorotoluene	50.000	40.476	19.0	42	0.00
83 T	tert-Butylbenzene	50.000	39.494	21.0	42	0.00
84 T	1,2,4-Trimethylbenzene	50.000	41.843	16.3	44	0.00
85 T	sec-Butylbenzene	50.000	40.575	18.8	43	0.00
86 T	p-Isopropyltoluene	50.000	40.905	18.2	42	0.00
87 T	1,3-Dichlorobenzene	50.000	40.429	19.1	43	0.00
88 T	1,4-Dichlorobenzene	50.000	40.433	19.1	44	0.00
89 T	n-Butylbenzene	50.000	41.010	18.0	44	0.00
90 T	Hexachloroethane	50.000	40.257	19.5	44	0.00
91 T	1,2-Dichlorobenzene	50.000	41.037	17.9	45	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.792	20.4	45	0.00
93 T	1,2,4-Trichlorobenzene	50.000	36.339	27.3#	42	0.00
94 T	Hexachlorobutadiene	50.000	35.656	28.7#	42	0.00
95 T	Naphthalene	50.000	38.024	24.0	42	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	37.358	25.3#	43	0.00

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