

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008238.D
 Acq On : 06 Apr 2022 16:37
 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 07 02:12:49 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	81	0.00
2 T	Dichlorodifluoromethane	50.000	38.838	22.3	58	0.00
3 P	Chloromethane	50.000	47.349	5.3	72	0.00
4 C	Vinyl Chloride	50.000	48.003	4.0#	72	0.00
5 T	Bromomethane	50.000	48.085	3.8	77	0.00
6 T	Chloroethane	50.000	50.585	-1.2	77	0.00
7 T	Trichlorofluoromethane	50.000	42.714	14.6	67	0.00
8 T	Diethyl Ether	50.000	45.180	9.6	68	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.288	11.4	68	0.00
10 T	Methyl Iodide	50.000	40.269	19.5	60	0.00
11 T	Tert butyl alcohol	250.000	189.152	24.3	56	0.00
12 CM	1,1-Dichloroethene	50.000	43.738	12.5#	68	0.00
13 T	Acrolein	250.000	180.313	27.9#	60	0.00
14 T	Allyl chloride	50.000	45.341	9.3	68	0.00
15 T	Acrylonitrile	250.000	231.991	7.2	69	0.00
16 T	Acetone	250.000	229.316	8.3	65	0.00
17 T	Carbon Disulfide	50.000	40.739	18.5	61	0.00
18 T	Methyl Acetate	50.000	43.202	13.6	65	0.00
19 T	Methyl tert-butyl Ether	50.000	45.838	8.3	69	0.00
20 T	Methylene Chloride	50.000	52.400	-4.8	79	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.775	8.5	70	0.00
22 T	Diisopropyl ether	50.000	49.407	1.2	73	0.00
23 T	Vinyl Acetate	250.000	251.329	-0.5	69	0.00
24 P	1,1-Dichloroethane	50.000	48.224	3.6	73	0.00
25 T	2-Butanone	250.000	229.216	8.3	66	0.00
26 T	2,2-Dichloropropane	50.000	46.623	6.8	70	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.694	4.6	73	0.00
28 T	Bromochloromethane	50.000	47.482	5.0	72	0.00
29 T	Tetrahydrofuran	250.000	224.619	10.2	65	0.00
30 C	Chloroform	50.000	48.726	2.5#	74	0.00
31 T	Cyclohexane	50.000	41.909	16.2	67	0.00
32 T	1,1,1-Trichloroethane	50.000	46.972	6.1	71	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.248	5.5	74	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	49.286	1.4	77	0.00
36 T	1,1-Dichloropropene	50.000	46.534	6.9	70	0.00
37 T	Ethyl Acetate	50.000	46.106	7.8	67	0.00
38 T	Carbon Tetrachloride	50.000	45.158	9.7	68	0.00
39 T	Methylcyclohexane	50.000	43.558	12.9	66	0.00
40 TM	Benzene	50.000	48.092	3.8	73	0.00
41 T	Methacrylonitrile	50.000	50.760	-1.5	82	0.00
42 TM	1,2-Dichloroethane	50.000	47.033	5.9	71	0.00
43 T	Isopropyl Acetate	50.000	44.913	10.2	67	0.00
44 TM	Trichloroethene	50.000	47.815	4.4	73	0.00
45 C	1,2-Dichloropropane	50.000	48.788	2.4#	74	0.00
46 T	Dibromomethane	50.000	47.983	4.0	72	0.00
47 T	Bromodichloromethane	50.000	48.691	2.6	73	0.00
48 T	Methyl methacrylate	50.000	43.408	13.2	64	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	918.325	8.2	65	0.00
50 S	Toluene-d8	50.000	48.161	3.7	74	0.00
51 T	4-Methyl-2-Pentanone	250.000	230.409	7.8	67	0.00
52 CM	Toluene	50.000	49.376	1.2#	73	0.00
53 T	t-1,3-Dichloropropene	50.000	48.234	3.5	71	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.520	3.0	72	0.00
55 T	1,1,2-Trichloroethane	50.000	49.630	0.7	73	0.00
56 T	Ethyl methacrylate	50.000	47.557	4.9	67	0.00
57 T	1,3-Dichloropropane	50.000	48.943	2.1	73	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	205.651	17.7	68	0.00
59 T	2-Hexanone	250.000	232.720	6.9	66	0.00
60 T	Dibromochloromethane	50.000	48.824	2.4	72	0.00
61 T	1,2-Dibromoethane	50.000	48.320	3.4	70	0.00
62 S	4-Bromofluorobenzene	50.000	47.931	4.1	73	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	46.073	7.9	73	0.00
65 PM	Chlorobenzene	50.000	48.514	3.0	73	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.174	1.7	73	0.00
67 C	Ethyl Benzene	50.000	48.703	2.6#	73	0.00
68 T	m/p-Xylenes	100.000	98.144	1.9	73	0.00
69 T	o-Xylene	50.000	48.999	2.0	73	0.00
70 T	Styrene	50.000	50.428	-0.9	73	0.00
71 P	Bromoform	50.000	47.666	4.7	69	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	46.755	6.5	73	0.00
74 T	N-amyl acetate	50.000	43.146	13.7	68	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.405	7.2	71	0.00
76 T	1,2,3-Trichloropropane	50.000	52.946	-5.9	87	0.00
77 T	Bromobenzene	50.000	47.871	4.3	74	0.00
78 T	n-propylbenzene	50.000	46.554	6.9	74	0.00
79 T	2-Chlorotoluene	50.000	46.359	7.3	73	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.896	6.2	73	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.593	10.8	67	0.00
82 T	4-Chlorotoluene	50.000	46.472	7.1	73	0.00
83 T	tert-Butylbenzene	50.000	46.835	6.3	72	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.644	4.7	75	0.00
85 T	sec-Butylbenzene	50.000	47.267	5.5	74	0.00
86 T	p-Isopropyltoluene	50.000	47.804	4.4	74	0.00
87 T	1,3-Dichlorobenzene	50.000	49.318	1.4	75	0.00
88 T	1,4-Dichlorobenzene	50.000	49.149	1.7	76	0.00
89 T	n-Butylbenzene	50.000	46.579	6.8	73	0.00
90 T	Hexachloroethane	50.000	45.492	9.0	70	0.00
91 T	1,2-Dichlorobenzene	50.000	49.318	1.4	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	40.041	19.9	63	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.428	7.1	73	0.00
94 T	Hexachlorobutadiene	50.000	44.746	10.5	74	0.00
95 T	Naphthalene	50.000	44.372	11.3	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.156	7.7	73	0.00

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