

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010408.D
 Acq On : 08 Sep 2022 20:05
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 09 06:27:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 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	71	0.00
2 T	Dichlorodifluoromethane	50.000	42.791	14.4	68	0.00
3 P	Chloromethane	50.000	46.896	6.2	72	0.00
4 C	Vinyl Chloride	50.000	53.634	-7.3#	78	0.00
5 T	Bromomethane	50.000	69.913	-39.8#	89	0.00
6 T	Chloroethane	50.000	60.127	-20.3	86	0.00
7 T	Trichlorofluoromethane	50.000	49.467	1.1	71	0.00
8 T	Diethyl Ether	50.000	46.918	6.2	69	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.586	6.8	68	-0.01
10 T	Methyl Iodide	50.000	49.627	0.7	67	0.00
11 T	Tert butyl alcohol	250.000	206.195	17.5	66	0.00
12 CM	1,1-Dichloroethene	50.000	45.724	8.6#	67	0.00
13 T	Acrolein	250.000	185.702	25.7#	53	0.00
14 T	Allyl chloride	50.000	37.054	25.9#	53	0.00
15 T	Acrylonitrile	250.000	226.060	9.6	67	0.00
16 T	Acetone	250.000	207.675	16.9	52	0.00
17 T	Carbon Disulfide	50.000	40.090	19.8	60	0.00
18 T	Methyl Acetate	50.000	42.013	16.0	63	0.00
19 T	Methyl tert-butyl Ether	50.000	45.166	9.7	65	0.00
20 T	Methylene Chloride	50.000	46.004	8.0	71	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.943	8.1	67	0.00
22 T	Diisopropyl ether	50.000	40.675	18.7	58	0.00
23 T	Vinyl Acetate	250.000	212.288	15.1	61	0.00
24 P	1,1-Dichloroethane	50.000	43.592	12.8	62	0.00
25 T	2-Butanone	250.000	212.612	15.0	60	0.00
26 T	2,2-Dichloropropane	50.000	41.055	17.9	59	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.785	4.4	68	0.00
28 T	Bromochloromethane	50.000	44.376	11.2	60	0.00
29 T	Tetrahydrofuran	250.000	212.899	14.8	63	0.00
30 C	Chloroform	50.000	48.205	3.6#	69	0.00
31 T	Cyclohexane	50.000	37.620	24.8	57	0.00
32 T	1,1,1-Trichloroethane	50.000	48.024	4.0	69	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.578	4.8	66	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	68	0.00
35 S	Dibromofluoromethane	50.000	46.666	6.7	69	0.00
36 T	1,1-Dichloropropene	50.000	46.401	7.2	64	0.00
37 T	Ethyl Acetate	50.000	46.238	7.5	66	0.00
38 T	Carbon Tetrachloride	50.000	51.216	-2.4	70	0.00
39 T	Methylcyclohexane	50.000	44.562	10.9	62	0.00
40 TM	Benzene	50.000	47.009	6.0	65	0.00
41 T	Methacrylonitrile	50.000	41.841	16.3	64	0.00
42 TM	1,2-Dichloroethane	50.000	48.921	2.2	68	0.00
43 T	Isopropyl Acetate	50.000	43.458	13.1	61	0.00
44 TM	Trichloroethene	50.000	51.019	-2.0	70	0.00
45 C	1,2-Dichloropropane	50.000	45.233	9.5#	63	0.00
46 T	Dibromomethane	50.000	51.471	-2.9	72	0.00
47 T	Bromodichloromethane	50.000	49.570	0.9	68	0.00
48 T	Methyl methacrylate	50.000	42.480	15.0	59	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1126.145	-12.6	82	0.00
50 S	Toluene-d8	50.000	51.551	-3.1	65	0.00
51 T	4-Methyl-2-Pentanone	250.000	237.034	5.2	66	0.00
52 CM	Toluene	50.000	47.990	4.0#	66	0.00
53 T	t-1,3-Dichloropropene	50.000	46.424	7.2	64	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.956	8.1	63	0.00
55 T	1,1,2-Trichloroethane	50.000	50.980	-2.0	71	0.00
56 T	Ethyl methacrylate	50.000	46.891	6.2	64	0.00
57 T	1,3-Dichloropropane	50.000	49.123	1.8	68	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	200.085	20.0	63	0.00
59 T	2-Hexanone	250.000	236.129	5.5	64	0.00
60 T	Dibromochloromethane	50.000	53.249	-6.5	73	0.00
61 T	1,2-Dibromoethane	50.000	51.790	-3.6	72	0.00
62 S	4-Bromofluorobenzene	50.000	44.428	11.1	65	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	71	0.00
64 T	Tetrachloroethene	50.000	52.199	-4.4	74	0.00
65 PM	Chlorobenzene	50.000	49.232	1.5	70	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.371	-2.7	72	0.00
67 C	Ethyl Benzene	50.000	47.145	5.7#	67	0.00
68 T	m/p-Xylenes	100.000	97.603	2.4	68	0.00
69 T	o-Xylene	50.000	48.024	4.0	68	0.00
70 T	Styrene	50.000	49.093	1.8	69	0.00
71 P	Bromoform	50.000	53.105	-6.2	75	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73 T	Isopropylbenzene	50.000	45.395	9.2	68	0.00
74 T	N-ethyl acetate	50.000	41.190	17.6	62	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.857	8.3	70	0.00
76 T	1,2,3-Trichloropropane	50.000	43.852	12.3	65	0.00
77 T	Bromobenzene	50.000	48.252	3.5	74	0.00
78 T	n-propylbenzene	50.000	44.432	11.1	66	0.00
79 T	2-Chlorotoluene	50.000	44.372	11.3	67	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.557	8.9	68	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.669	16.7	62	0.00
82 T	4-Chlorotoluene	50.000	44.828	10.3	67	0.00
83 T	tert-Butylbenzene	50.000	46.738	6.5	70	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.872	8.3	69	0.00
85 T	sec-Butylbenzene	50.000	45.879	8.2	69	0.00
86 T	p-Isopropyltoluene	50.000	47.147	5.7	70	0.00
87 T	1,3-Dichlorobenzene	50.000	48.839	2.3	73	0.00
88 T	1,4-Dichlorobenzene	50.000	48.928	2.1	74	0.00
89 T	n-Butylbenzene	50.000	44.606	10.8	67	0.00
90 T	Hexachloroethane	50.000	46.133	7.7	69	0.00
91 T	1,2-Dichlorobenzene	50.000	49.121	1.8	74	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.494	9.0	72	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.665	2.7	75	0.00
94 T	Hexachlorobutadiene	50.000	50.242	-0.5	78	0.00
95 T	Naphthalene	50.000	49.885	0.2	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.159	-0.3	77	0.00

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