

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060822\
 Data File : VY009181.D
 Acq On : 08 Jun 2022 20:42
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 09 02:44:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060822S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 02:37:02 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	110	0.00
2 T	Dichlorodifluoromethane	50.000	44.579	10.8	102	0.00
3 P	Chloromethane	50.000	44.890	10.2	96	0.00
4 C	Vinyl Chloride	50.000	43.845	12.3#	93	0.00
5 T	Bromomethane	50.000	40.106	19.8	101	0.00
6 T	Chloroethane	50.000	43.055	13.9	93	0.00
7 T	Trichlorofluoromethane	50.000	45.298	9.4	99	0.00
8 T	Diethyl Ether	50.000	47.057	5.9	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.167	7.7	100	0.00
10 T	Methyl Iodide	50.000	52.606	-5.2	99	0.00
11 T	Tert butyl alcohol	250.000	235.305	5.9	99	0.00
12 CM	1,1-Dichloroethene	50.000	47.517	5.0#	101	0.00
13 T	Acrolein	250.000	274.830	-9.9	111	0.00
14 T	Allyl chloride	50.000	48.186	3.6	101	0.00
15 T	Acrylonitrile	250.000	235.542	5.8	97	0.00
16 T	Acetone	250.000	237.116	5.2	100	0.00
17 T	Carbon Disulfide	50.000	47.759	4.5	99	0.00
18 T	Methyl Acetate	50.000	49.012	2.0	102	0.00
19 T	Methyl tert-butyl Ether	50.000	49.552	0.9	101	0.00
20 T	Methylene Chloride	50.000	50.467	-0.9	106	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.913	6.2	100	0.00
22 T	Diisopropyl ether	50.000	48.627	2.7	104	0.00
23 T	Vinyl Acetate	250.000	224.518	10.2	101	0.00
24 P	1,1-Dichloroethane	50.000	48.001	4.0	102	0.00
25 T	2-Butanone	250.000	241.640	3.3	98	0.00
26 T	2,2-Dichloropropane	50.000	44.634	10.7	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.321	3.4	103	0.00
28 T	Bromochloromethane	50.000	45.709	8.6	98	0.00
29 T	Tetrahydrofuran	250.000	244.001	2.4	97	0.00
30 C	Chloroform	50.000	47.973	4.1#	103	0.00
31 T	Cyclohexane	50.000	45.870	8.3	99	0.00
32 T	1,1,1-Trichloroethane	50.000	47.613	4.8	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.598	12.8	112	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35 S	Dibromofluoromethane	50.000	46.433	7.1	111	0.00
36 T	1,1-Dichloropropene	50.000	48.004	4.0	101	0.00
37 T	Ethyl Acetate	50.000	48.582	2.8	99	0.00
38 T	Carbon Tetrachloride	50.000	47.400	5.2	101	0.00
39 T	Methylcyclohexane	50.000	48.978	2.0	98	0.00
40 TM	Benzene	50.000	48.231	3.5	102	0.00
41 T	Methacrylonitrile	50.000	47.195	5.6	97	0.00
42 TM	1,2-Dichloroethane	50.000	48.391	3.2	103	0.00
43 T	Isopropyl Acetate	50.000	49.696	0.6	101	0.00
44 TM	Trichloroethene	50.000	48.257	3.5	103	0.00
45 C	1,2-Dichloropropane	50.000	49.215	1.6#	101	0.00
46 T	Dibromomethane	50.000	48.549	2.9	104	0.00
47 T	Bromodichloromethane	50.000	48.625	2.8	102	0.00
48 T	Methyl methacrylate	50.000	51.025	-2.0	103	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	1013.955	-1.4	99	0.00
50 S	Toluene-d8	50.000	41.827	16.3	112	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.683	0.1	99	0.00
52 CM	Toluene	50.000	50.518	-1.0#	121	0.00
53 T	t-1,3-Dichloropropene	50.000	50.101	-0.2	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.647	2.7	103	0.00
55 T	1,1,2-Trichloroethane	50.000	50.766	-1.5	104	0.00
56 T	Ethyl methacrylate	50.000	44.824	10.4	102	0.00
57 T	1,3-Dichloropropane	50.000	50.567	-1.1	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	267.539	-7.0	107	0.00
59 T	2-Hexanone	250.000	260.774	-4.3	99	0.00
60 T	Dibromochloromethane	50.000	50.167	-0.3	107	0.00
61 T	1,2-Dibromoethane	50.000	50.481	-1.0	105	0.00
62 S	4-Bromofluorobenzene	50.000	53.120	-6.2	130	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64 T	Tetrachloroethene	50.000	43.374	13.3	102	0.00
65 PM	Chlorobenzene	50.000	48.878	2.2	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.447	-0.9	105	0.00
67 C	Ethyl Benzene	50.000	50.073	-0.1#	101	0.00
68 T	m/p-Xylenes	100.000	103.582	-3.6	102	0.00
69 T	o-Xylene	50.000	44.883	10.2	104	0.00
70 T	Styrene	50.000	42.333	15.3	102	0.00
71 P	Bromoform	50.000	47.331	5.3	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73 T	Isopropylbenzene	50.000	47.158	5.7	103	0.00
74 T	N-ethyl acetate	50.000	48.121	3.8	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.749	8.5	101	0.00
76 T	1,2,3-Trichloropropane	50.000	51.674	-3.3	122	0.00
77 T	Bromobenzene	50.000	47.709	4.6	107	0.00
78 T	n-propylbenzene	50.000	47.517	5.0	99	0.00
79 T	2-Chlorotoluene	50.000	48.299	3.4	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.900	2.2	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.035	7.9	99	0.00
82 T	4-Chlorotoluene	50.000	48.143	3.7	100	0.00
83 T	tert-Butylbenzene	50.000	48.381	3.2	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.557	0.9	99	0.00
85 T	sec-Butylbenzene	50.000	48.883	2.2	99	0.00
86 T	p-Isopropyltoluene	50.000	49.035	1.9	99	0.00
87 T	1,3-Dichlorobenzene	50.000	47.240	5.5	99	0.00
88 T	1,4-Dichlorobenzene	50.000	48.189	3.6	101	0.00
89 T	n-Butylbenzene	50.000	49.305	1.4	99	0.00
90 T	Hexachloroethane	50.000	48.217	3.6	100	0.00
91 T	1,2-Dichlorobenzene	50.000	49.128	1.7	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.148	3.7	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.069	5.9	102	0.00
94 T	Hexachlorobutadiene	50.000	44.777	10.4	103	0.00
95 T	Naphthalene	50.000	50.503	-1.0	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.350	5.3	103	0.00

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