

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008386.D
 Acq On : 18 Apr 2022 20:13
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 19 06:33:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 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	116	0.00
2 T	Dichlorodifluoromethane	50.000	38.811	22.4	109	0.00
3 P	Chloromethane	50.000	35.421	29.2#	89	0.00
4 C	Vinyl Chloride	50.000	34.454	31.1#	92	0.00
5 T	Bromomethane	50.000	41.466	17.1	109	0.00
6 T	Chloroethane	50.000	36.803	26.4#	98	0.00
7 T	Trichlorofluoromethane	50.000	47.644	4.7	127	0.00
8 T	Diethyl Ether	50.000	45.127	9.7	121	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.834	6.3	122	0.00
10 T	Methyl Iodide	50.000	46.228	7.5	117	0.00
11 T	Tert butyl alcohol	250.000	270.586	-8.2	146	0.00
12 CM	1,1-Dichloroethene	50.000	45.312	9.4#	119	0.00
13 T	Acrolein	250.000	189.119	24.4	77	0.00
14 T	Allyl chloride	50.000	37.246	25.5#	94	0.00
15 T	Acrylonitrile	250.000	216.692	13.3	112	0.00
16 T	Acetone	250.000	201.688	19.3	101	0.00
17 T	Carbon Disulfide	50.000	35.628	28.7#	96	0.00
18 T	Methyl Acetate	50.000	47.024	6.0	111	0.00
19 T	Methyl tert-butyl Ether	50.000	46.563	6.9	119	0.00
20 T	Methylene Chloride	50.000	46.511	7.0	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.461	13.1	113	0.00
22 T	Diisopropyl ether	50.000	40.425	19.2	101	0.00
23 T	Vinyl Acetate	250.000	210.338	15.9	104	0.00
24 P	1,1-Dichloroethane	50.000	43.218	13.6	110	0.00
25 T	2-Butanone	250.000	215.720	13.7	112	0.00
26 T	2,2-Dichloropropane	50.000	44.808	10.4	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.098	5.8	119	0.00
28 T	Bromochloromethane	50.000	42.742	14.5	95	0.00
29 T	Tetrahydrofuran	250.000	216.134	13.5	111	0.00
30 C	Chloroform	50.000	46.720	6.6#	119	0.00
31 T	Cyclohexane	50.000	36.406	27.2#	99	0.00
32 T	1,1,1-Trichloroethane	50.000	47.460	5.1	119	0.00
33 S	1,2-Dichloroethane-d4	50.000	39.852	20.3	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35 S	Dibromofluoromethane	50.000	48.146	3.7	113	0.00
36 T	1,1-Dichloropropene	50.000	46.546	6.9	109	0.00
37 T	Ethyl Acetate	50.000	46.288	7.4	111	0.00
38 T	Carbon Tetrachloride	50.000	51.444	-2.9	120	0.00
39 T	Methylcyclohexane	50.000	44.833	10.3	106	0.00
40 TM	Benzene	50.000	47.052	5.9	111	0.00
41 T	Methacrylonitrile	50.000	41.030	17.9	93	0.00
42 TM	1,2-Dichloroethane	50.000	46.671	6.7	110	0.00
43 T	Isopropyl Acetate	50.000	47.529	4.9	114	0.00
44 TM	Trichloroethene	50.000	51.988	-4.0	122	0.00
45 C	1,2-Dichloropropane	50.000	46.340	7.3#	108	0.00
46 T	Dibromomethane	50.000	49.760	0.5	117	0.00
47 T	Bromodichloromethane	50.000	50.275	-0.5	117	0.00
48 T	Methyl methacrylate	50.000	47.160	5.7	115	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	1063.731	-6.4	120	0.00
50 S	Toluene-d8	50.000	45.108	9.8	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	246.852	1.3	118	0.00
52 CM	Toluene	50.000	47.717	4.6#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	48.920	2.2	113	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.792	2.4	112	0.00
55 T	1,1,2-Trichloroethane	50.000	51.370	-2.7	120	0.00
56 T	Ethyl methacrylate	50.000	51.611	-3.2	118	0.00
57 T	1,3-Dichloropropane	50.000	49.486	1.0	116	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	206.195	17.5	99	0.00
59 T	2-Hexanone	250.000	249.161	0.3	118	0.00
60 T	Dibromochloromethane	50.000	54.877	-9.8	125	0.00
61 T	1,2-Dibromoethane	50.000	51.837	-3.7	121	0.00
62 S	4-Bromofluorobenzene	50.000	45.808	8.4	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64 T	Tetrachloroethene	50.000	51.810	-3.6	119	0.00
65 PM	Chlorobenzene	50.000	52.037	-4.1	118	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.149	-10.3	122	0.00
67 C	Ethyl Benzene	50.000	50.026	-0.1#	112	0.00
68 T	m/p-Xylenes	100.000	100.937	-0.9	113	0.00
69 T	o-Xylene	50.000	51.869	-3.7	115	0.00
70 T	Styrene	50.000	52.024	-4.0	114	0.00
71 P	Bromoform	50.000	58.159	-16.3	128	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73 T	Isopropylbenzene	50.000	50.754	-1.5	116	0.00
74 T	N-ethyl acetate	50.000	49.387	1.2	117	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.961	-3.9	122	0.00
76 T	1,2,3-Trichloropropane	50.000	52.235	-4.5	114	0.00
77 T	Bromobenzene	50.000	52.344	-4.7	122	0.00
78 T	n-propylbenzene	50.000	48.685	2.6	111	0.00
79 T	2-Chlorotoluene	50.000	48.883	2.2	114	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.201	-0.4	114	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.741	0.5	114	0.00
82 T	4-Chlorotoluene	50.000	48.224	3.6	112	0.00
83 T	tert-Butylbenzene	50.000	52.153	-4.3	118	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.094	-2.2	116	0.00
85 T	sec-Butylbenzene	50.000	50.226	-0.5	114	0.00
86 T	p-Isopropyltoluene	50.000	50.929	-1.9	114	0.00
87 T	1,3-Dichlorobenzene	50.000	51.090	-2.2	116	0.00
88 T	1,4-Dichlorobenzene	50.000	51.740	-3.5	118	0.00
89 T	n-Butylbenzene	50.000	49.096	1.8	111	0.00
90 T	Hexachloroethane	50.000	53.173	-6.3	119	0.00
91 T	1,2-Dichlorobenzene	50.000	52.295	-4.6	119	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.511	-7.0	124	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.933	-5.9	126	0.00
94 T	Hexachlorobutadiene	50.000	53.550	-7.1	128	0.00
95 T	Naphthalene	50.000	56.176	-12.4	133	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.042	-8.1	130	0.00

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