

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009213.D
 Acq On : 16 Jun 2022 19:36
 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: Jun 17 02:28:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	43.457	13.1	96	0.00
3 P	Chloromethane	50.000	47.637	4.7	101	0.00
4 C	Vinyl Chloride	50.000	49.655	0.7#	101	0.00
5 T	Bromomethane	50.000	49.090	1.8	104	0.00
6 T	Chloroethane	50.000	51.714	-3.4	103	0.00
7 T	Trichlorofluoromethane	50.000	50.117	-0.2	106	0.00
8 T	Diethyl Ether	50.000	53.474	-6.9	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.574	-3.1	106	0.00
10 T	Methyl Iodide	50.000	52.587	-5.2	100	0.00
11 T	Tert butyl alcohol	250.000	248.828	0.5	143	0.00
12 CM	1,1-Dichloroethene	50.000	51.081	-2.2#	104	0.00
13 T	Acrolein	250.000	190.254	23.9	88	0.00
14 T	Allyl chloride	50.000	51.382	-2.8	101	0.00
15 T	Acrylonitrile	250.000	287.726	-15.1	113	0.00
16 T	Acetone	250.000	252.097	-0.8	110	0.00
17 T	Carbon Disulfide	50.000	51.164	-2.3	102	0.00
18 T	Methyl Acetate	50.000	56.392	-12.8	114	0.00
19 T	Methyl tert-butyl Ether	50.000	56.271	-12.5	111	0.00
20 T	Methylene Chloride	50.000	54.909	-9.8	111	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.453	-8.9	104	0.00
22 T	Diisopropyl ether	50.000	55.744	-11.5	109	0.00
23 T	Vinyl Acetate	250.000	297.630	-19.1	110	0.00
24 P	1,1-Dichloroethane	50.000	55.093	-10.2	108	0.00
25 T	2-Butanone	250.000	285.118	-14.0	113	0.00
26 T	2,2-Dichloropropane	50.000	51.512	-3.0	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.567	-11.1	108	0.00
28 T	Bromochloromethane	50.000	57.139	-14.3	110	0.00
29 T	Tetrahydrofuran	250.000	295.513	-18.2	115	0.00
30 C	Chloroform	50.000	55.111	-10.2#	109	0.00
31 T	Cyclohexane	50.000	52.472	-4.9	105	0.00
32 T	1,1,1-Trichloroethane	50.000	53.900	-7.8	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.377	-10.8	112	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	52.859	-5.7	108	0.00
36 T	1,1-Dichloropropene	50.000	52.324	-4.6	104	0.00
37 T	Ethyl Acetate	50.000	56.117	-12.2	115	0.00
38 T	Carbon Tetrachloride	50.000	52.185	-4.4	106	0.00
39 T	Methylcyclohexane	50.000	53.534	-7.1	105	0.00
40 TM	Benzene	50.000	53.425	-6.8	108	0.00
41 T	Methacrylonitrile	50.000	44.096	11.8	80	-0.01
42 TM	1,2-Dichloroethane	50.000	53.154	-6.3	110	0.00
43 T	Isopropyl Acetate	50.000	55.522	-11.0	114	0.00
44 TM	Trichloroethene	50.000	52.092	-4.2	107	0.00
45 C	1,2-Dichloropropane	50.000	53.624	-7.2#	107	0.00
46 T	Dibromomethane	50.000	55.213	-10.4	111	0.00
47 T	Bromodichloromethane	50.000	52.898	-5.8	107	0.00
48 T	Methyl methacrylate	50.000	55.528	-11.1	110	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	1099.524	-10.0	109	0.00
50 S	Toluene-d8	50.000	51.337	-2.7	106	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.884	-8.8	113	0.00
52 CM	Toluene	50.000	51.563	-3.1#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	53.010	-6.0	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.156	-6.3	107	0.00
55 T	1,1,2-Trichloroethane	50.000	54.063	-8.1	108	0.00
56 T	Ethyl methacrylate	50.000	56.097	-12.2	110	0.00
57 T	1,3-Dichloropropane	50.000	54.014	-8.0	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.018	-4.8	111	0.00
59 T	2-Hexanone	250.000	271.408	-8.6	113	0.00
60 T	Dibromochloromethane	50.000	53.438	-6.9	108	0.00
61 T	1,2-Dibromoethane	50.000	54.304	-8.6	108	0.00
62 S	4-Bromofluorobenzene	50.000	50.826	-1.7	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64 T	Tetrachloroethene	50.000	52.495	-5.0	106	0.00
65 PM	Chlorobenzene	50.000	51.325	-2.7	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.547	-5.1	107	0.00
67 C	Ethyl Benzene	50.000	51.853	-3.7#	106	0.00
68 T	m/p-Xylenes	100.000	101.666	-1.7	104	0.00
69 T	o-Xylene	50.000	51.174	-2.3	104	0.00
70 T	Styrene	50.000	52.141	-4.3	107	0.00
71 P	Bromoform	50.000	53.504	-7.0	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	52.898	-5.8	106	0.00
74 T	N-ethyl acetate	50.000	53.510	-7.0	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.959	-3.9	107	0.00
76 T	1,2,3-Trichloropropane	50.000	52.243	-4.5	110	0.00
77 T	Bromobenzene	50.000	51.695	-3.4	104	0.00
78 T	n-propylbenzene	50.000	52.053	-4.1	104	0.00
79 T	2-Chlorotoluene	50.000	52.603	-5.2	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.998	-6.0	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.045	-6.1	109	0.00
82 T	4-Chlorotoluene	50.000	52.476	-5.0	107	0.00
83 T	tert-Butylbenzene	50.000	53.322	-6.6	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.142	-14.3	113	0.00
85 T	sec-Butylbenzene	50.000	52.991	-6.0	106	0.00
86 T	p-Isopropyltoluene	50.000	52.979	-6.0	105	0.00
87 T	1,3-Dichlorobenzene	50.000	51.685	-3.4	106	0.00
88 T	1,4-Dichlorobenzene	50.000	51.900	-3.8	106	0.00
89 T	n-Butylbenzene	50.000	51.763	-3.5	104	0.00
90 T	Hexachloroethane	50.000	52.601	-5.2	106	0.00
91 T	1,2-Dichlorobenzene	50.000	52.895	-5.8	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	38.090	23.8	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.254	9.5	88	0.00
94 T	Hexachlorobutadiene	50.000	54.190	-8.4	108	0.00
95 T	Naphthalene	50.000	56.709	-13.4	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.130	-16.3	113	0.00

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