

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009390.D
 Acq On : 30 Jun 2022 13:05
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 01 03:46:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 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	46.335	7.3	107	0.00
3 P	Chloromethane	50.000	46.086	7.8	107	0.00
4 C	Vinyl Chloride	50.000	47.339	5.3#	103	0.00
5 T	Bromomethane	50.000	45.677	8.6	111	0.00
6 T	Chloroethane	50.000	48.884	2.2	108	0.00
7 T	Trichlorofluoromethane	50.000	49.995	0.0	109	0.00
8 T	Diethyl Ether	50.000	51.233	-2.5	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.704	-1.4	116	0.00
10 T	Methyl Iodide	50.000	54.800	-9.6	106	0.00
11 T	Tert butyl alcohol	250.000	227.530	9.0	104	0.00
12 CM	1,1-Dichloroethene	50.000	50.889	-1.8#	116	0.00
13 T	Acrolein	250.000	155.616	37.8#	78	0.00
14 T	Allyl chloride	50.000	51.186	-2.4	111	0.00
15 T	Acrylonitrile	250.000	256.808	-2.7	110	0.00
16 T	Acetone	250.000	269.533	-7.8	128	0.00
17 T	Carbon Disulfide	50.000	46.301	7.4	105	0.00
18 T	Methyl Acetate	50.000	53.277	-6.6	114	0.00
19 T	Methyl tert-butyl Ether	50.000	52.936	-5.9	112	0.00
20 T	Methylene Chloride	50.000	46.751	6.5	106	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.509	-1.0	107	0.00
22 T	Diisopropyl ether	50.000	55.292	-10.6	108	0.00
23 T	Vinyl Acetate	250.000	280.039	-12.0	109	0.00
24 P	1,1-Dichloroethane	50.000	51.355	-2.7	108	0.00
25 T	2-Butanone	250.000	266.930	-6.8	116	0.00
26 T	2,2-Dichloropropane	50.000	50.329	-0.7	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.719	-5.4	109	0.00
28 T	Bromochloromethane	50.000	55.336	-10.7	103	0.00
29 T	Tetrahydrofuran	250.000	266.298	-6.5	110	0.00
30 C	Chloroform	50.000	51.456	-2.9#	108	0.00
31 T	Cyclohexane	50.000	49.771	0.5	110	0.00
32 T	1,1,1-Trichloroethane	50.000	50.718	-1.4	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.218	3.6	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	50.261	-0.5	105	0.00
36 T	1,1-Dichloropropene	50.000	52.613	-5.2	110	0.00
37 T	Ethyl Acetate	50.000	53.386	-6.8	111	0.00
38 T	Carbon Tetrachloride	50.000	52.609	-5.2	109	0.00
39 T	Methylcyclohexane	50.000	52.918	-5.8	109	0.00
40 TM	Benzene	50.000	52.612	-5.2	108	0.00
41 T	Methacrylonitrile	50.000	41.069	17.9	70	0.00
42 TM	1,2-Dichloroethane	50.000	52.192	-4.4	108	0.00
43 T	Isopropyl Acetate	50.000	53.129	-6.3	108	0.00
44 TM	Trichloroethene	50.000	51.142	-2.3	109	0.00
45 C	1,2-Dichloropropane	50.000	55.291	-10.6#	110	0.00
46 T	Dibromomethane	50.000	52.811	-5.6	109	0.00
47 T	Bromodichloromethane	50.000	53.299	-6.6	110	0.00
48 T	Methyl methacrylate	50.000	54.968	-9.9	112	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	1063.096	-6.3	114	0.00
50 S	Toluene-d8	50.000	51.324	-2.6	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.195	-9.7	111	0.00
52 CM	Toluene	50.000	53.969	-7.9#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	57.845	-15.7	110	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.086	-8.2	108	0.00
55 T	1,1,2-Trichloroethane	50.000	58.599	-17.2	114	0.00
56 T	Ethyl methacrylate	50.000	61.970	-23.9	113	0.00
57 T	1,3-Dichloropropane	50.000	54.589	-9.2	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	287.566	-15.0	110	0.00
59 T	2-Hexanone	250.000	276.120	-10.4	112	0.00
60 T	Dibromochloromethane	50.000	55.996	-12.0	111	0.00
61 T	1,2-Dibromoethane	50.000	55.079	-10.2	114	0.00
62 S	4-Bromofluorobenzene	50.000	52.854	-5.7	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	51.091	-2.2	109	0.00
65 PM	Chlorobenzene	50.000	53.194	-6.4	109	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.262	-8.5	112	0.00
67 C	Ethyl Benzene	50.000	54.732	-9.5#	110	0.00
68 T	m/p-Xylenes	100.000	105.231	-5.2	109	0.00
69 T	o-Xylene	50.000	53.638	-7.3	109	0.00
70 T	Styrene	50.000	55.212	-10.4	111	0.00
71 P	Bromoform	50.000	54.852	-9.7	113	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	54.049	-8.1	111	0.00
74 T	N-ethyl acetate	50.000	55.137	-10.3	111	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.725	-7.5	114	0.00
76 T	1,2,3-Trichloropropane	50.000	47.525	5.0	108	0.00
77 T	Bromobenzene	50.000	52.521	-5.0	110	0.00
78 T	n-propylbenzene	50.000	54.433	-8.9	114	0.00
79 T	2-Chlorotoluene	50.000	52.950	-5.9	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.966	-7.9	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.801	-7.6	110	0.00
82 T	4-Chlorotoluene	50.000	52.946	-5.9	111	0.00
83 T	tert-Butylbenzene	50.000	57.505	-15.0	114	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.896	-11.8	111	0.00
85 T	sec-Butylbenzene	50.000	56.858	-13.7	114	0.00
86 T	p-Isopropyltoluene	50.000	55.415	-10.8	112	0.00
87 T	1,3-Dichlorobenzene	50.000	52.630	-5.3	111	0.00
88 T	1,4-Dichlorobenzene	50.000	52.267	-4.5	112	0.00
89 T	n-Butylbenzene	50.000	56.119	-12.2	128	0.00
90 T	Hexachloroethane	50.000	54.540	-9.1	116	0.00
91 T	1,2-Dichlorobenzene	50.000	52.889	-5.8	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.750	-5.5	115	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.319	-12.6	122	0.00
94 T	Hexachlorobutadiene	50.000	56.719	-13.4	122	0.00
95 T	Naphthalene	50.000	57.808	-15.6	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.738	-13.5	119	0.00

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