

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY021122\  
 Data File : VY007486.D  
 Acq On : 11 Feb 2022 18:52  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 LabSampleId :  
 VSTDCCC050

Quant Time: Feb 12 02:56:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 03 04:36:48 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	50.362	-0.7	100	0.00
3 P	Chloromethane	50.000	42.629	14.7	80	0.00
4 C	Vinyl Chloride	50.000	43.547	12.9#	84	0.00
5 T	Bromomethane	50.000	48.819	2.4	91	0.00
6 T	Chloroethane	50.000	45.426	9.1	86	0.00
7 T	Trichlorofluoromethane	50.000	53.447	-6.9	101	0.00
8 T	Diethyl Ether	50.000	53.438	-6.9	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.917	-3.8	100	0.00
10 T	Methyl Iodide	50.000	60.911	-21.8	106	0.00
11 T	Tert butyl alcohol	250.000	228.997	8.4	89	0.00
12 CM	1,1-Dichloroethene	50.000	50.367	-0.7#	95	0.00
13 T	Acrolein	250.000	193.815	22.5	73	0.00
14 T	Allyl chloride	50.000	45.954	8.1	86	0.00
15 T	Acrylonitrile	250.000	267.033	-6.8	103	0.00
16 T	Acetone	250.000	191.543	23.4	62	0.00
17 T	Carbon Disulfide	50.000	45.495	9.0	85	-0.01
18 T	Methyl Acetate	50.000	51.592	-3.2	101	-0.01
19 T	Methyl tert-butyl Ether	50.000	56.608	-13.2	107	0.00
20 T	Methylene Chloride	50.000	53.922	-7.8	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.028	-2.1	97	0.00
22 T	Diisopropyl ether	50.000	49.700	0.6	95	0.00
23 T	Vinyl Acetate	250.000	258.288	-3.3	98	0.00
24 P	1,1-Dichloroethane	50.000	50.633	-1.3	97	0.00
25 T	2-Butanone	250.000	236.667	5.3	83	0.00
26 T	2,2-Dichloropropane	50.000	51.336	-2.7	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.910	-7.8	102	0.00
28 T	Bromochloromethane	50.000	42.674	14.7	81	0.00
29 T	Tetrahydrofuran	250.000	264.034	-5.6	99	0.00
30 C	Chloroform	50.000	54.935	-9.9#	105	0.00
31 T	Cyclohexane	50.000	45.724	8.6	90	0.00
32 T	1,1,1-Trichloroethane	50.000	55.180	-10.4	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.692	4.6	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	46.373	7.3	88	0.00
36 T	1,1-Dichloropropene	50.000	50.822	-1.6	96	0.00
37 T	Ethyl Acetate	50.000	53.124	-6.2	101	0.00
38 T	Carbon Tetrachloride	50.000	56.804	-13.6	106	0.00
39 T	Methylcyclohexane	50.000	51.732	-3.5	96	0.00
40 TM	Benzene	50.000	53.025	-6.0	100	0.00
41 T	Methacrylonitrile	50.000	54.256	-8.5	94	0.00
42 TM	1,2-Dichloroethane	50.000	57.229	-14.5	108	0.00
43 T	Isopropyl Acetate	50.000	56.368	-12.7	105	0.00
44 TM	Trichloroethene	50.000	56.136	-12.3	106	0.00
45 C	1,2-Dichloropropane	50.000	52.279	-4.6#	99	0.00
46 T	Dibromomethane	50.000	55.517	-11.0	104	0.00
47 T	Bromodichloromethane	50.000	57.003	-14.0	106	0.00
48 T	Methyl methacrylate	50.000	52.586	-5.2	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1270.701	-27.1#	109	0.00
50 S	Toluene-d8	50.000	45.833	8.3	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.199	-11.7	103	0.00
52 CM	Toluene	50.000	55.127	-10.3#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	56.777	-13.6	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.172	-10.3	102	0.00
55 T	1,1,2-Trichloroethane	50.000	57.111	-14.2	107	0.00
56 T	Ethyl methacrylate	50.000	58.541	-17.1	108	0.00
57 T	1,3-Dichloropropane	50.000	55.671	-11.3	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	242.617	3.0	90	0.00
59 T	2-Hexanone	250.000	266.194	-6.5	92	0.00
60 T	Dibromochloromethane	50.000	59.810	-19.6	112	0.00
61 T	1,2-Dibromoethane	50.000	57.883	-15.8	108	0.00
62 S	4-Bromofluorobenzene	50.000	47.518	5.0	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	58.475	-17.0	109	0.00
65 PM	Chlorobenzene	50.000	56.818	-13.6	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.375	-16.8	109	0.00
67 C	Ethyl Benzene	50.000	56.172	-12.3#	106	0.00
68 T	m/p-Xylenes	100.000	113.785	-13.8	106	0.00
69 T	o-Xylene	50.000	57.727	-15.5	107	0.00
70 T	Styrene	50.000	58.741	-17.5	108	0.00
71 P	Bromoform	50.000	63.302	-26.6#	117	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	53.722	-7.4	108	0.00
74 T	N-amyl acetate	50.000	55.928	-11.9	108	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.113	-8.2	108	0.00
76 T	1,2,3-Trichloropropane	50.000	57.212	-14.4	108	0.00
77 T	Bromobenzene	50.000	57.030	-14.1	114	0.00
78 T	n-propylbenzene	50.000	53.541	-7.1	105	0.00
79 T	2-Chlorotoluene	50.000	53.710	-7.4	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.831	-11.7	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.501	-11.0	105	0.00
82 T	4-Chlorotoluene	50.000	54.376	-8.8	108	0.00
83 T	tert-Butylbenzene	50.000	55.396	-10.8	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.861	-11.7	110	0.00
85 T	sec-Butylbenzene	50.000	54.001	-8.0	107	0.00
86 T	p-Isopropyltoluene	50.000	55.762	-11.5	109	0.00
87 T	1,3-Dichlorobenzene	50.000	56.515	-13.0	111	0.00
88 T	1,4-Dichlorobenzene	50.000	56.326	-12.7	112	0.00
89 T	n-Butylbenzene	50.000	53.949	-7.9	105	0.00
90 T	Hexachloroethane	50.000	56.216	-12.4	110	0.00
91 T	1,2-Dichlorobenzene	50.000	57.059	-14.1	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.841	-17.7	117	0.00
93 T	1,2,4-Trichlorobenzene	50.000	60.250	-20.5	117	0.00
94 T	Hexachlorobutadiene	50.000	60.142	-20.3	117	0.00
95 T	Naphthalene	50.000	65.532	-31.1#	125	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	50.000	61.629	-23.3	122	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6