

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014508.D
 Acq On : 29 Jun 2023 19:58
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 30 04:13:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	43.538	12.9	96	0.00
3 P	Chloromethane	50.000	41.274	17.5	84	0.00
4 C	Vinyl Chloride	50.000	48.699	2.6#	99	0.00
5 T	Bromomethane	50.000	57.603	-15.2	123	-0.02
6 T	Chloroethane	50.000	51.968	-3.9	104	-0.01
7 T	Trichlorofluoromethane	50.000	58.247	-16.5	120	-0.01
8 T	Diethyl Ether	50.000	45.254	9.5	90	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.059	9.9	92	-0.01
10 T	Methyl Iodide	50.000	36.124	27.8#	70	-0.01
11 T	Tert butyl alcohol	250.000	268.359	-7.3	100	-0.01
12 CM	1,1-Dichloroethene	50.000	45.070	9.9#	91	-0.01
13 T	Acrolein	250.000	237.901	4.8	90	0.00
14 T	Allyl chloride	50.000	32.995	34.0#	64	-0.01
15 T	Acrylonitrile	250.000	196.983	21.2	77	0.00
16 T	Acetone	250.000	177.424	29.0#	63	-0.01
17 T	Carbon Disulfide	50.000	39.738	20.5	77	0.00
18 T	Methyl Acetate	50.000	36.298	27.4#	72	0.00
19 T	Methyl tert-butyl Ether	50.000	51.547	-3.1	98	0.00
20 T	Methylene Chloride	50.000	40.817	18.4	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.479	11.0	86	0.00
22 T	Diisopropyl ether	50.000	33.908	32.2#	65	0.00
23 T	Vinyl Acetate	250.000	206.554	17.4	75	0.00
24 P	1,1-Dichloroethane	50.000	41.204	17.6	81	0.00
25 T	2-Butanone	250.000	175.092	30.0#	66	0.00
26 T	2,2-Dichloropropane	50.000	45.792	8.4	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.789	8.4	89	0.00
28 T	Bromochloromethane	50.000	32.786	34.4#	61	0.00
29 T	Tetrahydrofuran	250.000	171.462	31.4#	65	0.00
30 C	Chloroform	50.000	50.015	-0.0#	98	0.00
31 T	Cyclohexane	50.000	33.375	33.3#	69	0.00
32 T	1,1,1-Trichloroethane	50.000	55.895	-11.8	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.072	-10.1	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	52.291	-4.6	90	0.00
36 T	1,1-Dichloropropene	50.000	47.375	5.3	86	0.00
37 T	Ethyl Acetate	50.000	39.358	21.3	70	0.00
38 T	Carbon Tetrachloride	50.000	62.057	-24.1	114	0.00
39 T	Methylcyclohexane	50.000	46.982	6.0	85	0.00
40 TM	Benzene	50.000	46.799	6.4	83	0.00
41 T	Methacrylonitrile	50.000	44.311	11.4	74	0.00
42 TM	1,2-Dichloroethane	50.000	59.330	-18.7	107	0.00
43 T	Isopropyl Acetate	50.000	41.755	16.5	74	0.00
44 TM	Trichloroethene	50.000	53.055	-6.1	97	0.00
45 C	1,2-Dichloropropane	50.000	39.572	20.9#	72	0.00
46 T	Dibromomethane	50.000	50.802	-1.6	91	0.00
47 T	Bromodichloromethane	50.000	54.898	-9.8	98	0.00
48 T	Methyl methacrylate	50.000	46.500	7.0	82	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	1168.767	-16.9	105	-0.02
50 S	Toluene-d8	50.000	51.266	-2.5	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	206.202	17.5	72	0.00
52 CM	Toluene	50.000	50.818	-1.6#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	51.876	-3.8	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.910	6.2	84	0.00
55 T	1,1,2-Trichloroethane	50.000	50.290	-0.6	89	0.00
56 T	Ethyl methacrylate	50.000	49.825	0.3	85	0.00
57 T	1,3-Dichloropropane	50.000	48.030	3.9	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	220.473	11.8	73	0.00
59 T	2-Hexanone	250.000	207.743	16.9	71	0.00
60 T	Dibromochloromethane	50.000	57.869	-15.7	102	0.00
61 T	1,2-Dibromoethane	50.000	50.826	-1.7	89	0.00
62 S	4-Bromofluorobenzene	50.000	52.578	-5.2	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	57.665	-15.3	110	0.00
65 PM	Chlorobenzene	50.000	51.596	-3.2	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.579	-13.2	105	0.00
67 C	Ethyl Benzene	50.000	50.718	-1.4#	93	0.00
68 T	m/p-Xylenes	100.000	105.274	-5.3	96	0.00
69 T	o-Xylene	50.000	53.655	-7.3	97	0.00
70 T	Styrene	50.000	54.125	-8.3	98	0.00
71 P	Bromoform	50.000	57.823	-15.6	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	48.539	2.9	98	0.00
74 T	N-amyl acetate	50.000	35.150	29.7#	69	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	39.491	21.0	80	0.00
76 T	1,2,3-Trichloropropane	50.000	39.424	21.2	82	0.00
77 T	Bromobenzene	50.000	51.789	-3.6	106	0.00
78 T	n-propylbenzene	50.000	45.690	8.6	92	0.00
79 T	2-Chlorotoluene	50.000	45.824	8.4	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.641	-1.3	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	40.137	19.7	80	0.00
82 T	4-Chlorotoluene	50.000	46.094	7.8	93	0.00
83 T	tert-Butylbenzene	50.000	51.029	-2.1	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.418	-0.8	101	0.00
85 T	sec-Butylbenzene	50.000	47.868	4.3	96	0.00
86 T	p-Isopropyltoluene	50.000	51.674	-3.3	104	0.00
87 T	1,3-Dichlorobenzene	50.000	50.989	-2.0	103	0.00
88 T	1,4-Dichlorobenzene	50.000	50.343	-0.7	103	0.00
89 T	n-Butylbenzene	50.000	46.331	7.3	93	0.00
90 T	Hexachloroethane	50.000	46.688	6.6	95	0.00
91 T	1,2-Dichlorobenzene	50.000	51.292	-2.6	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.371	-6.7	109	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.915	-11.8	111	0.00
94 T	Hexachlorobutadiene	50.000	55.170	-10.3	115	0.00
95 T	Naphthalene	50.000	55.735	-11.5	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.300	-10.6	111	0.00

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