

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016052.D
 Acq On : 19 Oct 2023 21:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 20 08:25:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	47.893	4.2	88	0.00
3 P	Chloromethane	50.000	50.390	-0.8	92	0.00
4 C	Vinyl Chloride	50.000	49.485	1.0#	92	0.00
5 T	Bromomethane	50.000	47.395	5.2	87	0.01
6 T	Chloroethane	50.000	49.883	0.2	90	0.00
7 T	Trichlorofluoromethane	50.000	58.209	-16.4	111	0.00
8 T	Diethyl Ether	50.000	46.864	6.3	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.516	3.0	93	0.00
10 T	Methyl Iodide	50.000	44.880	10.2	82	0.00
11 T	Tert butyl alcohol	250.000	277.583	-11.0	112	0.12
12 CM	1,1-Dichloroethene	50.000	48.819	2.4#	92	0.00
13 T	Acrolein	250.000	214.108	14.4	77	0.02
14 T	Allyl chloride	50.000	48.895	2.2	92	0.00
15 T	Acrylonitrile	250.000	271.747	-8.7	100	0.02
16 T	Acetone	250.000	212.338	15.1	77	0.04
17 T	Carbon Disulfide	50.000	47.356	5.3	89	0.00
18 T	Methyl Acetate	50.000	52.845	-5.7	95	0.02
19 T	Methyl tert-butyl Ether	50.000	46.352	7.3	85	0.00
20 T	Methylene Chloride	50.000	48.709	2.6	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.198	3.6	90	0.00
22 T	Diisopropyl ether	50.000	48.103	3.8	87	0.00
23 T	Vinyl Acetate	250.000	229.397	8.2	83	0.00
24 P	1,1-Dichloroethane	50.000	48.714	2.6	92	0.00
25 T	2-Butanone	250.000	261.866	-4.7	96	0.02
26 T	2,2-Dichloropropane	50.000	44.512	11.0	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.286	3.4	90	0.00
28 T	Bromochloromethane	50.000	50.196	-0.4	88	0.00
29 T	Tetrahydrofuran	250.000	299.932	-20.0	107	0.02
30 C	Chloroform	50.000	48.371	3.3#	91	0.00
31 T	Cyclohexane	50.000	46.813	6.4	92	0.00
32 T	1,1,1-Trichloroethane	50.000	49.147	1.7	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.365	13.3	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	43.024	14.0	88	0.00
36 T	1,1-Dichloropropene	50.000	47.336	5.3	90	0.00
37 T	Ethyl Acetate	50.000	119.971	-139.9#	226	0.01
38 T	Carbon Tetrachloride	50.000	47.748	4.5	92	0.00
39 T	Methylcyclohexane	50.000	47.826	4.3	91	0.00
40 TM	Benzene	50.000	47.893	4.2	91	0.00
41 T	Methacrylonitrile	50.000	42.096	15.8	75	0.00
42 TM	1,2-Dichloroethane	50.000	46.815	6.4	89	0.00
43 T	Isopropyl Acetate	50.000	50.284	-0.6	92	0.00
44 TM	Trichloroethene	50.000	52.906	-5.8	102	0.00
45 C	1,2-Dichloropropane	50.000	49.300	1.4#	94	0.00
46 T	Dibromomethane	50.000	52.699	-5.4	99	0.00
47 T	Bromodichloromethane	50.000	49.455	1.1	93	0.00
48 T	Methyl methacrylate	50.000	52.071	-4.1	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1796.846	-79.7#	152	0.06
50 S	Toluene-d8	50.000	44.075	11.8	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	384.541	-53.8#	140	0.01
52 CM	Toluene	50.000	48.736	2.5#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	50.127	-0.3	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.478	3.0	91	0.00
55 T	1,1,2-Trichloroethane	50.000	53.419	-6.8	100	0.00
56 T	Ethyl methacrylate	50.000	58.595	-17.2	105	0.00
57 T	1,3-Dichloropropane	50.000	52.531	-5.1	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	288.055	-15.2	105	0.00
59 T	2-Hexanone	250.000	420.829	-68.3#	152	0.01
60 T	Dibromochloromethane	50.000	51.913	-3.8	97	0.00
61 T	1,2-Dibromoethane	50.000	55.837	-11.7	104	0.00
62 S	4-Bromofluorobenzene	50.000	45.153	9.7	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	55.650	-11.3	107	0.00
65 PM	Chlorobenzene	50.000	48.589	2.8	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.215	1.6	94	0.00
67 C	Ethyl Benzene	50.000	48.858	2.3#	92	0.00
68 T	m/p-Xylenes	100.000	97.134	2.9	91	0.00
69 T	o-Xylene	50.000	49.554	0.9	93	0.00
70 T	Styrene	50.000	49.814	0.4	93	0.00
71 P	Bromoform	50.000	57.463	-14.9	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	48.040	3.9	91	0.00
74 T	N-amyl acetate	50.000	60.363	-20.7	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.471	-10.9	105	0.00
76 T	1,2,3-Trichloropropane	50.000	104.934	-109.9#	196	0.00
77 T	Bromobenzene	50.000	49.036	1.9	93	0.00
78 T	n-propylbenzene	50.000	47.735	4.5	90	0.00
79 T	2-Chlorotoluene	50.000	48.065	3.9	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.056	3.9	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	60.166	-20.3	112	0.00
82 T	4-Chlorotoluene	50.000	48.045	3.9	90	0.00
83 T	tert-Butylbenzene	50.000	48.053	3.9	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.426	3.1	90	0.01
85 T	sec-Butylbenzene	50.000	47.782	4.4	90	0.00
86 T	p-Isopropyltoluene	50.000	47.510	5.0	88	0.00
87 T	1,3-Dichlorobenzene	50.000	48.202	3.6	91	0.00
88 T	1,4-Dichlorobenzene	50.000	48.241	3.5	92	0.00
89 T	n-Butylbenzene	50.000	47.818	4.4	89	0.00
90 T	Hexachloroethane	50.000	47.170	5.7	89	0.00
91 T	1,2-Dichlorobenzene	50.000	49.541	0.9	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	80.102	-60.2#	155	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.561	2.9	91	0.00
94 T	Hexachlorobutadiene	50.000	44.459	11.1	85	0.00
95 T	Naphthalene	50.000	66.285	-32.6#	122	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.887	0.2	93	0.00

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