

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014352.D
 Acq On : 21 Jun 2023 21:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 22 01:59:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	42.821	14.4	73	0.00
3 P	Chloromethane	50.000	38.215	23.6	67	0.00
4 C	Vinyl Chloride	50.000	40.945	18.1#	69	0.00
5 T	Bromomethane	50.000	41.038	17.9	77	-0.02
6 T	Chloroethane	50.000	41.976	16.0	75	0.00
7 T	Trichlorofluoromethane	50.000	49.348	1.3	84	0.00
8 T	Diethyl Ether	50.000	50.453	-0.9	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.387	1.2	81	0.00
10 T	Methyl Iodide	50.000	43.366	13.3	70	0.00
11 T	Tert butyl alcohol	250.000	461.543	-84.6#	160	0.00
12 CM	1,1-Dichloroethene	50.000	47.003	6.0#	80	0.00
13 T	Acrolein	250.000	216.111	13.6	71	0.00
14 T	Allyl chloride	50.000	45.852	8.3	77	0.00
15 T	Acrylonitrile	250.000	304.779	-21.9	105	0.00
16 T	Acetone	250.000	244.912	2.0	95	0.00
17 T	Carbon Disulfide	50.000	43.068	13.9	74	0.00
18 T	Methyl Acetate	50.000	59.091	-18.2	108	0.00
19 T	Methyl tert-butyl Ether	50.000	54.801	-9.6	90	0.01
20 T	Methylene Chloride	50.000	57.048	-14.1	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.111	1.8	81	0.00
22 T	Diisopropyl ether	50.000	52.328	-4.7	86	0.01
23 T	Vinyl Acetate	250.000	272.579	-9.0	91	0.00
24 P	1,1-Dichloroethane	50.000	49.778	0.4	85	0.01
25 T	2-Butanone	250.000	316.748	-26.7#	116	0.00
26 T	2,2-Dichloropropane	50.000	47.428	5.1	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.563	-3.1	88	0.00
28 T	Bromochloromethane	50.000	50.861	-1.7	91	0.00
29 T	Tetrahydrofuran	250.000	332.673	-33.1#	119	0.00
30 C	Chloroform	50.000	53.326	-6.7#	90	0.00
31 T	Cyclohexane	50.000	48.019	4.0	83	0.00
32 T	1,1,1-Trichloroethane	50.000	52.330	-4.7	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.028	3.9	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	51.314	-2.6	88	0.00
36 T	1,1-Dichloropropene	50.000	51.899	-3.8	86	0.00
37 T	Ethyl Acetate	50.000	59.772	-19.5	101	0.00
38 T	Carbon Tetrachloride	50.000	53.867	-7.7	88	0.00
39 T	Methylcyclohexane	50.000	51.940	-3.9	82	0.00
40 TM	Benzene	50.000	52.492	-5.0	87	0.00
41 T	Methacrylonitrile	50.000	70.387	-40.8#	134	0.02
42 TM	1,2-Dichloroethane	50.000	54.374	-8.7	92	0.00
43 T	Isopropyl Acetate	50.000	60.013	-20.0	101	0.00
44 TM	Trichloroethene	50.000	52.896	-5.8	87	0.00
45 C	1,2-Dichloropropane	50.000	52.457	-4.9#	87	0.00
46 T	Dibromomethane	50.000	55.197	-10.4	94	0.00
47 T	Bromodichloromethane	50.000	54.202	-8.4	90	0.00
48 T	Methyl methacrylate	50.000	60.213	-20.4	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1364.925	-36.5#	112	-0.01
50 S	Toluene-d8	50.000	46.891	6.2	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	329.171	-31.7#	112	0.00
52 CM	Toluene	50.000	54.213	-8.4#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	54.303	-8.6	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.126	-6.3	89	0.00
55 T	1,1,2-Trichloroethane	50.000	56.961	-13.9	95	0.00
56 T	Ethyl methacrylate	50.000	60.562	-21.1	97	0.00
57 T	1,3-Dichloropropane	50.000	55.678	-11.4	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	329.062	-31.6#	115	0.00
59 T	2-Hexanone	250.000	337.888	-35.2#	116	0.00
60 T	Dibromochloromethane	50.000	57.813	-15.6	97	0.00
61 T	1,2-Dibromoethane	50.000	58.581	-17.2	99	0.00
62 S	4-Bromofluorobenzene	50.000	56.554	-13.1	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	56.761	-13.5	103	0.00
65 PM	Chlorobenzene	50.000	50.403	-0.8	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.156	-4.3	93	0.00
67 C	Ethyl Benzene	50.000	51.261	-2.5#	90	0.00
68 T	m/p-Xylenes	100.000	103.590	-3.6	91	0.00
69 T	o-Xylene	50.000	52.645	-5.3	92	0.00
70 T	Styrene	50.000	53.895	-7.8	94	0.00
71 P	Bromoform	50.000	57.607	-15.2	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	48.995	2.0	92	0.00
74 T	N-ethyl acetate	50.000	54.102	-8.2	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.143	-6.3	106	0.00
76 T	1,2,3-Trichloropropane	50.000	48.760	2.5	91	0.00
77 T	Bromobenzene	50.000	48.122	3.8	93	0.00
78 T	n-propylbenzene	50.000	49.275	1.5	93	0.00
79 T	2-Chlorotoluene	50.000	49.001	2.0	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.763	0.5	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.472	-4.9	101	0.00
82 T	4-Chlorotoluene	50.000	48.589	2.8	94	0.00
83 T	tert-Butylbenzene	50.000	48.822	2.4	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.496	-1.0	96	0.00
85 T	sec-Butylbenzene	50.000	50.242	-0.5	94	0.00
86 T	p-Isopropyltoluene	50.000	49.180	1.6	93	0.00
87 T	1,3-Dichlorobenzene	50.000	49.199	1.6	96	0.00
88 T	1,4-Dichlorobenzene	50.000	48.472	3.1	96	0.00
89 T	n-Butylbenzene	50.000	49.693	0.6	94	0.00
90 T	Hexachloroethane	50.000	50.233	-0.5	98	0.00
91 T	1,2-Dichlorobenzene	50.000	50.827	-1.7	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.870	-17.7	127	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.462	-0.9	99	0.00
94 T	Hexachlorobutadiene	50.000	50.172	-0.3	97	0.00
95 T	Naphthalene	50.000	56.822	-13.6	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.684	-3.4	105	0.00

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