

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013036.D
 Acq On : 21 Mar 2023 18:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 22 04:23:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 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	46.106	7.8	80	0.00
3 P	Chloromethane	50.000	37.604	24.8	67	0.00
4 C	Vinyl Chloride	50.000	40.937	18.1#	69	0.00
5 T	Bromomethane	50.000	46.159	7.7	78	0.00
6 T	Chloroethane	50.000	44.941	10.1	75	-0.01
7 T	Trichlorofluoromethane	50.000	41.894	16.2	71	0.00
8 T	Diethyl Ether	50.000	47.641	4.7	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.359	5.3	80	0.00
10 T	Methyl Iodide	50.000	45.629	8.7	71	0.00
11 T	Tert butyl alcohol	250.000	277.640	-11.1	92	0.00
12 CM	1,1-Dichloroethene	50.000	47.221	5.6#	78	0.00
13 T	Acrolein	250.000	206.794	17.3	69	0.00
14 T	Allyl chloride	50.000	45.630	8.7	75	0.00
15 T	Acrylonitrile	250.000	267.794	-7.1	88	0.00
16 T	Acetone	250.000	247.591	1.0	76	0.00
17 T	Carbon Disulfide	50.000	45.632	8.7	76	0.00
18 T	Methyl Acetate	50.000	53.487	-7.0	87	0.00
19 T	Methyl tert-butyl Ether	50.000	50.567	-1.1	81	0.00
20 T	Methylene Chloride	50.000	48.694	2.6	79	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.498	5.0	78	0.00
22 T	Diisopropyl ether	50.000	50.988	-2.0	82	0.00
23 T	Vinyl Acetate	250.000	263.435	-5.4	83	0.00
24 P	1,1-Dichloroethane	50.000	48.543	2.9	80	0.00
25 T	2-Butanone	250.000	271.680	-8.7	85	0.00
26 T	2,2-Dichloropropane	50.000	45.956	8.1	77	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.015	2.0	79	0.00
28 T	Bromochloromethane	50.000	51.709	-3.4	83	0.00
29 T	Tetrahydrofuran	250.000	286.087	-14.4	90	0.00
30 C	Chloroform	50.000	50.786	-1.6#	83	0.00
31 T	Cyclohexane	50.000	44.272	11.5	75	0.00
32 T	1,1,1-Trichloroethane	50.000	48.792	2.4	81	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.145	-4.3	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	57.335	-14.7	93	0.00
36 T	1,1-Dichloropropene	50.000	49.038	1.9	79	0.00
37 T	Ethyl Acetate	50.000	55.590	-11.2	92	0.00
38 T	Carbon Tetrachloride	50.000	50.309	-0.6	80	0.00
39 T	Methylcyclohexane	50.000	48.394	3.2	75	0.00
40 TM	Benzene	50.000	50.452	-0.9	81	0.00
41 T	Methacrylonitrile	50.000	43.589	12.8	69	0.00
42 TM	1,2-Dichloroethane	50.000	51.768	-3.5	82	0.00
43 T	Isopropyl Acetate	50.000	54.785	-9.6	86	0.00
44 TM	Trichloroethene	50.000	49.890	0.2	80	0.00
45 C	1,2-Dichloropropane	50.000	51.566	-3.1#	84	0.00
46 T	Dibromomethane	50.000	54.391	-8.8	86	0.00
47 T	Bromodichloromethane	50.000	52.160	-4.3	84	0.00
48 T	Methyl methacrylate	50.000	54.500	-9.0	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1280.642	-28.1#	100	0.00
50 S	Toluene-d8	50.000	49.628	0.7	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	297.631	-19.1	91	0.00
52 CM	Toluene	50.000	52.139	-4.3#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	52.821	-5.6	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.279	-2.6	81	0.00
55 T	1,1,2-Trichloroethane	50.000	53.627	-7.3	86	0.00
56 T	Ethyl methacrylate	50.000	56.070	-12.1	84	0.00
57 T	1,3-Dichloropropane	50.000	53.855	-7.7	85	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	293.570	-17.4	89	0.00
59 T	2-Hexanone	250.000	300.394	-20.2	90	0.00
60 T	Dibromochloromethane	50.000	54.030	-8.1	86	0.00
61 T	1,2-Dibromoethane	50.000	54.641	-9.3	87	0.00
62 S	4-Bromofluorobenzene	50.000	57.614	-15.2	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	49.036	1.9	83	0.00
65 PM	Chlorobenzene	50.000	48.791	2.4	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.535	0.9	84	0.00
67 C	Ethyl Benzene	50.000	48.747	2.5#	81	0.00
68 T	m/p-Xylenes	100.000	99.852	0.1	82	0.00
69 T	o-Xylene	50.000	49.502	1.0	82	0.00
70 T	Styrene	50.000	51.190	-2.4	83	0.00
71 P	Bromoform	50.000	52.793	-5.6	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	46.657	6.7	83	0.00
74 T	N-ethyl acetate	50.000	50.156	-0.3	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.719	-1.4	93	0.00
76 T	1,2,3-Trichloropropane	50.000	46.827	6.3	85	0.00
77 T	Bromobenzene	50.000	47.023	6.0	86	0.00
78 T	n-propylbenzene	50.000	46.946	6.1	83	0.00
79 T	2-Chlorotoluene	50.000	46.611	6.8	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.445	5.1	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.771	2.5	87	0.00
82 T	4-Chlorotoluene	50.000	47.408	5.2	85	0.00
83 T	tert-Butylbenzene	50.000	48.104	3.8	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.721	4.6	85	0.00
85 T	sec-Butylbenzene	50.000	47.447	5.1	85	0.00
86 T	p-Isopropyltoluene	50.000	47.723	4.6	85	0.00
87 T	1,3-Dichlorobenzene	50.000	47.345	5.3	86	0.00
88 T	1,4-Dichlorobenzene	50.000	46.595	6.8	85	0.00
89 T	n-Butylbenzene	50.000	47.286	5.4	84	0.00
90 T	Hexachloroethane	50.000	47.035	5.9	87	0.00
91 T	1,2-Dichlorobenzene	50.000	48.445	3.1	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.293	-8.6	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.045	5.9	84	0.00
94 T	Hexachlorobutadiene	50.000	46.155	7.7	87	0.00
95 T	Naphthalene	50.000	52.898	-5.8	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.944	0.1	90	0.00

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