

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016605.D
 Acq On : 05 Dec 2023 19:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 06 09:13:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	45.249	9.5	88	0.00
3 P	Chloromethane	50.000	40.656	18.7	78	0.00
4 C	Vinyl Chloride	50.000	40.796	18.4#	76	0.00
5 T	Bromomethane	50.000	44.167	11.7	83	0.00
6 T	Chloroethane	50.000	42.619	14.8	78	0.01
7 T	Trichlorofluoromethane	50.000	48.752	2.5	90	0.00
8 T	Diethyl Ether	50.000	46.707	6.6	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.771	8.5	83	0.01
10 T	Methyl Iodide	50.000	50.766	-1.5	90	0.00
11 T	Tert butyl alcohol	250.000	220.377	11.8	79	0.01
12 CM	1,1-Dichloroethene	50.000	47.101	5.8#	85	0.01
13 T	Acrolein	250.000	191.605	23.4	64	0.00
14 T	Allyl chloride	50.000	43.556	12.9	78	0.01
15 T	Acrylonitrile	250.000	222.195	11.1	77	0.00
16 T	Acetone	250.000	194.631	22.1	78	0.00
17 T	Carbon Disulfide	50.000	45.776	8.4	82	0.01
18 T	Methyl Acetate	50.000	45.032	9.9	74	0.00
19 T	Methyl tert-butyl Ether	50.000	50.273	-0.5	87	0.00
20 T	Methylene Chloride	50.000	50.508	-1.0	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.487	5.0	86	0.01
22 T	Diisopropyl ether	50.000	45.354	9.3	79	0.00
23 T	Vinyl Acetate	250.000	220.422	11.8	77	0.01
24 P	1,1-Dichloroethane	50.000	46.546	6.9	85	0.01
25 T	2-Butanone	250.000	191.850	23.3	72	0.00
26 T	2,2-Dichloropropane	50.000	49.265	1.5	90	0.01
27 T	cis-1,2-Dichloroethene	50.000	49.328	1.3	88	0.01
28 T	Bromochloromethane	50.000	46.403	7.2	78	0.00
29 T	Tetrahydrofuran	250.000	213.549	14.6	72	0.01
30 C	Chloroform	50.000	49.299	1.4#	90	0.00
31 T	Cyclohexane	50.000	40.986	18.0	78	0.00
32 T	1,1,1-Trichloroethane	50.000	50.785	-1.6	93	0.01
33 S	1,2-Dichloroethane-d4	50.000	46.514	7.0	77	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	45.586	8.8	76	0.00
36 T	1,1-Dichloropropene	50.000	47.000	6.0	85	0.00
37 T	Ethyl Acetate	50.000	43.025	14.0	75	0.00
38 T	Carbon Tetrachloride	50.000	50.831	-1.7	93	0.00
39 T	Methylcyclohexane	50.000	46.983	6.0	83	0.00
40 TM	Benzene	50.000	47.544	4.9	87	0.00
41 T	Methacrylonitrile	50.000	41.644	16.7	72	0.00
42 TM	1,2-Dichloroethane	50.000	50.024	-0.0	89	0.00
43 T	Isopropyl Acetate	50.000	44.026	11.9	75	0.00
44 TM	Trichloroethene	50.000	49.673	0.7	92	0.00
45 C	1,2-Dichloropropane	50.000	45.548	8.9#	82	0.00
46 T	Dibromomethane	50.000	48.929	2.1	86	0.00
47 T	Bromodichloromethane	50.000	49.748	0.5	89	0.00
48 T	Methyl methacrylate	50.000	45.287	9.4	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	949.236	5.1	80	0.00
50 S	Toluene-d8	50.000	46.305	7.4	77	0.00
51 T	4-Methyl-2-Pentanone	250.000	218.655	12.5	74	0.00
52 CM	Toluene	50.000	49.915	0.2#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	49.980	0.0	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.386	3.2	85	0.00
55 T	1,1,2-Trichloroethane	50.000	48.120	3.8	85	0.00
56 T	Ethyl methacrylate	50.000	49.204	1.6	82	0.00
57 T	1,3-Dichloropropane	50.000	47.637	4.7	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	198.045	20.8	65	0.00
59 T	2-Hexanone	250.000	207.046	17.2	74	0.00
60 T	Dibromochloromethane	50.000	50.699	-1.4	91	0.00
61 T	1,2-Dibromoethane	50.000	49.059	1.9	84	0.00
62 S	4-Bromofluorobenzene	50.000	47.057	5.9	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	51.197	-2.4	92	0.00
65 PM	Chlorobenzene	50.000	50.245	-0.5	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.475	-3.0	93	0.00
67 C	Ethyl Benzene	50.000	48.923	2.2#	88	0.00
68 T	m/p-Xylenes	100.000	99.694	0.3	90	0.00
69 T	o-Xylene	50.000	51.133	-2.3	93	0.00
70 T	Styrene	50.000	51.016	-2.0	90	0.00
71 P	Bromoform	50.000	51.810	-3.6	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	51.252	-2.5	90	0.00
74 T	N-ethyl acetate	50.000	44.690	10.6	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.685	8.6	79	0.00
76 T	1,2,3-Trichloropropane	50.000	49.382	1.2	89	0.00
77 T	Bromobenzene	50.000	52.351	-4.7	93	0.00
78 T	n-propylbenzene	50.000	49.393	1.2	88	0.00
79 T	2-Chlorotoluene	50.000	49.548	0.9	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.837	-3.7	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.086	9.8	79	0.00
82 T	4-Chlorotoluene	50.000	48.745	2.5	87	0.00
83 T	tert-Butylbenzene	50.000	51.502	-3.0	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.696	-3.4	91	0.00
85 T	sec-Butylbenzene	50.000	50.313	-0.6	89	0.00
86 T	p-Isopropyltoluene	50.000	51.201	-2.4	89	0.00
87 T	1,3-Dichlorobenzene	50.000	51.069	-2.1	91	0.00
88 T	1,4-Dichlorobenzene	50.000	50.431	-0.9	89	0.00
89 T	n-Butylbenzene	50.000	49.258	1.5	85	0.00
90 T	Hexachloroethane	50.000	49.567	0.9	89	0.00
91 T	1,2-Dichlorobenzene	50.000	50.847	-1.7	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.315	1.4	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.117	-6.2	90	0.00
94 T	Hexachlorobutadiene	50.000	51.404	-2.8	89	0.00
95 T	Naphthalene	50.000	53.944	-7.9	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.299	-8.6	89	0.00

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