

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016572.D
 Acq On : 04 Dec 2023 12:22
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDICC005

Quant Time: Dec 05 01:06:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 00:54:37 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	5.664	88.7#	11	0.00
3 P	Chloromethane	50.000	5.531	88.9#	11	0.00
4 C	Vinyl Chloride	50.000	5.411	89.2#	10	0.00
5 T	Bromomethane	50.000	5.307	89.4#	10	0.00
6 T	Chloroethane	50.000	5.022	90.0#	9	0.01
7 T	Trichlorofluoromethane	50.000	5.208	89.6#	10	0.00
8 T	Diethyl Ether	50.000	5.016	90.0#	9	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	5.239	89.5#	10	0.00
10 T	Methyl Iodide	50.000	4.920	90.2#	9	0.00
11 T	Tert butyl alcohol	250.000	26.747	89.3#	10	0.00
12 CM	1,1-Dichloroethene	50.000	5.025	90.0#	9	0.00
13 T	Acrolein	250.000	23.097	90.8#	8	0.00
14 T	Allyl chloride	50.000	5.139	89.7#	9	0.00
15 T	Acrylonitrile	250.000	24.622	90.2#	9	0.01
16 T	Acetone	250.000	30.869	87.7#	12	0.00
17 T	Carbon Disulfide	50.000	5.192	89.6#	9	0.01
18 T	Methyl Acetate	50.000	4.814	90.4#	8	0.00
19 T	Methyl tert-butyl Ether	50.000	4.757	90.5#	8	0.00
20 T	Methylene Chloride	50.000	4.011	92.0#	12	0.01
21 T	trans-1,2-Dichloroethene	50.000	5.212	89.6#	10	0.00
22 T	Diisopropyl ether	50.000	4.786	90.4#	8	0.00
23 T	Vinyl Acetate	250.000	24.121	90.4#	8	0.00
24 P	1,1-Dichloroethane	50.000	5.212	89.6#	10	0.01
25 T	2-Butanone	250.000	27.857	88.9#	10	0.00
26 T	2,2-Dichloropropane	50.000	5.133	89.7#	9	0.00
27 T	cis-1,2-Dichloroethene	50.000	4.932	90.1#	9	0.00
28 T	Bromochloromethane	50.000	5.299	89.4#	9	0.00
29 T	Tetrahydrofuran	250.000	24.445	90.2#	8	0.00
30 C	Chloroform	50.000	5.167	89.7#	9	0.00
31 T	Cyclohexane	50.000	6.003	88.0#	12	0.00
32 T	1,1,1-Trichloroethane	50.000	5.155	89.7#	10	0.00
33 S	1,2-Dichloroethane-d4	50.000	5.138	89.7#	9	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	5.134	89.7#	9	0.00
36 T	1,1-Dichloropropene	50.000	4.942	90.1#	9	0.00
37 T	Ethyl Acetate	50.000	5.002	90.0#	9	0.00
38 T	Carbon Tetrachloride	50.000	4.950	90.1#	9	0.00
39 T	Methylcyclohexane	50.000	4.807	90.4#	9	0.00
40 TM	Benzene	50.000	5.053	89.9#	9	0.00
41 T	Methacrylonitrile	50.000	4.341	91.3#	8	0.00
42 TM	1,2-Dichloroethane	50.000	4.997	90.0#	9	0.00
43 T	Isopropyl Acetate	50.000	4.671	90.7#	8	0.00
44 TM	Trichloroethene	50.000	5.146	89.7#	10	0.00
45 C	1,2-Dichloropropane	50.000	4.989	90.0#	9	0.00
46 T	Dibromomethane	50.000	4.907	90.2#	9	0.00
47 T	Bromodichloromethane	50.000	4.926	90.1#	9	0.00
48 T	Methyl methacrylate	50.000	4.550	90.9#	8	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	87.197	91.3#	8	0.00
50 S	Toluene-d8	50.000	4.776	90.4#	8	0.00
51 T	4-Methyl-2-Pentanone	250.000	22.961	90.8#	8	0.00
52 CM	Toluene	50.000	4.802	90.4#	9	0.00
53 T	t-1,3-Dichloropropene	50.000	4.792	90.4#	9	0.00
54 T	cis-1,3-Dichloropropene	50.000	4.782	90.4#	9	0.00
55 T	1,1,2-Trichloroethane	50.000	4.843	90.3#	9	0.00
56 T	Ethyl methacrylate	50.000	4.334	91.3#	7	0.00
57 T	1,3-Dichloropropane	50.000	4.755	90.5#	9	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	19.686	92.1#	7	0.00
59 T	2-Hexanone	250.000	24.058	90.4#	9	0.00
60 T	Dibromochloromethane	50.000	5.035	89.9#	9	0.00
61 T	1,2-Dibromoethane	50.000	4.767	90.5#	8	0.00
62 S	4-Bromofluorobenzene	50.000	4.790	90.4#	8	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	5.037	89.9#	9	0.00
65 PM	Chlorobenzene	50.000	4.934	90.1#	9	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	4.935	90.1#	9	0.00
67 C	Ethyl Benzene	50.000	4.921	90.2#	9	0.00
68 T	m/p-Xylenes	100.000	9.490	90.5#	9	0.00
69 T	o-Xylene	50.000	4.721	90.6#	9	0.00
70 T	Styrene	50.000	4.614	90.8#	8	0.00
71 P	Bromoform	50.000	4.703	90.6#	8	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	4.674	90.7#	8	0.00
74 T	N-amyl acetate	50.000	4.514	91.0#	8	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	5.232	89.5#	9	0.00
76 T	1,2,3-Trichloropropane	50.000	4.866	90.3#	9	0.00
77 T	Bromobenzene	50.000	4.798	90.4#	8	0.00
78 T	n-propylbenzene	50.000	4.850	90.3#	9	0.00
79 T	2-Chlorotoluene	50.000	4.858	90.3#	9	0.00
80 T	1,3,5-Trimethylbenzene	50.000	4.685	90.6#	8	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	4.869	90.3#	8	0.00
82 T	4-Chlorotoluene	50.000	4.975	90.0#	9	0.00
83 T	tert-Butylbenzene	50.000	4.731	90.5#	8	0.00
84 T	1,2,4-Trimethylbenzene	50.000	4.670	90.7#	8	0.00
85 T	sec-Butylbenzene	50.000	4.815	90.4#	8	0.00
86 T	p-Isopropyltoluene	50.000	4.654	90.7#	8	0.00
87 T	1,3-Dichlorobenzene	50.000	4.941	90.1#	9	0.00
88 T	1,4-Dichlorobenzene	50.000	5.067	89.9#	9	0.00
89 T	n-Butylbenzene	50.000	4.793	90.4#	8	0.00
90 T	Hexachloroethane	50.000	4.997	90.0#	9	0.00
91 T	1,2-Dichlorobenzene	50.000	4.848	90.3#	9	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	4.418	91.2#	7	0.00
93 T	1,2,4-Trichlorobenzene	50.000	4.340	91.3#	7	0.00
94 T	Hexachlorobutadiene	50.000	5.093	89.8#	9	0.00
95 T	Naphthalene	50.000	3.188	93.6#	6	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	3.628	92.7#	7	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6