

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033123\
 Data File : VY013163.D
 Acq On : 31 Mar 2023 16:29
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 01 00:08:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	41.612	16.8	73	0.00
3 P	Chloromethane	50.000	37.278	25.4#	68	0.00
4 C	Vinyl Chloride	50.000	37.883	24.2#	68	0.00
5 T	Bromomethane	50.000	42.299	15.4	77	0.00
6 T	Chloroethane	50.000	40.711	18.6	73	0.00
7 T	Trichlorofluoromethane	50.000	43.792	12.4	76	0.00
8 T	Diethyl Ether	50.000	48.394	3.2	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.628	14.7	76	0.00
10 T	Methyl Iodide	50.000	50.126	-0.3	82	0.00
11 T	Tert butyl alcohol	250.000	212.767	14.9	76	0.00
12 CM	1,1-Dichloroethene	50.000	43.766	12.5#	76	0.00
13 T	Acrolein	250.000	211.366	15.5	73	0.00
14 T	Allyl chloride	50.000	45.149	9.7	79	0.00
15 T	Acrylonitrile	250.000	227.559	9.0	76	0.00
16 T	Acetone	250.000	214.580	14.2	64	0.00
17 T	Carbon Disulfide	50.000	42.582	14.8	75	0.00
18 T	Methyl Acetate	50.000	43.406	13.2	73	0.00
19 T	Methyl tert-butyl Ether	50.000	50.484	-1.0	84	0.00
20 T	Methylene Chloride	50.000	50.115	-0.2	84	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.536	6.9	81	0.00
22 T	Diisopropyl ether	50.000	48.523	3.0	81	0.00
23 T	Vinyl Acetate	250.000	238.927	4.4	77	0.00
24 P	1,1-Dichloroethane	50.000	45.945	8.1	80	0.00
25 T	2-Butanone	250.000	219.533	12.2	70	0.00
26 T	2,2-Dichloropropane	50.000	45.170	9.7	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.021	2.0	83	0.00
28 T	Bromochloromethane	50.000	48.688	2.6	81	0.00
29 T	Tetrahydrofuran	250.000	228.189	8.7	73	0.00
30 C	Chloroform	50.000	47.667	4.7#	84	0.00
31 T	Cyclohexane	50.000	40.631	18.7	71	0.00
32 T	1,1,1-Trichloroethane	50.000	46.789	6.4	81	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.631	4.7	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	49.388	1.2	87	0.00
36 T	1,1-Dichloropropene	50.000	44.567	10.9	76	0.00
37 T	Ethyl Acetate	50.000	43.954	12.1	73	0.00
38 T	Carbon Tetrachloride	50.000	44.520	11.0	78	0.00
39 T	Methylcyclohexane	50.000	43.887	12.2	73	0.00
40 TM	Benzene	50.000	46.636	6.7	81	0.00
41 T	Methacrylonitrile	50.000	47.009	6.0	80	0.00
42 TM	1,2-Dichloroethane	50.000	48.034	3.9	85	0.00
43 T	Isopropyl Acetate	50.000	45.721	8.6	76	0.00
44 TM	Trichloroethene	50.000	45.742	8.5	80	0.00
45 C	1,2-Dichloropropane	50.000	45.985	8.0#	81	0.00
46 T	Dibromomethane	50.000	47.407	5.2	83	0.00
47 T	Bromodichloromethane	50.000	48.210	3.6	85	0.00
48 T	Methyl methacrylate	50.000	45.651	8.7	74	0.00

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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)
49 T	1,4-Dioxane	1000.000	962.250	3.8	77	0.00
50 S	Toluene-d8	50.000	48.176	3.6	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	225.705	9.7	74	0.00
52 CM	Toluene	50.000	47.436	5.1#	81	0.00
53 T	t-1,3-Dichloropropene	50.000	48.641	2.7	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.552	2.9	84	0.00
55 T	1,1,2-Trichloroethane	50.000	47.815	4.4	83	0.00
56 T	Ethyl methacrylate	50.000	49.582	0.8	81	0.00
57 T	1,3-Dichloropropane	50.000	47.852	4.3	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	244.433	2.2	83	0.00
59 T	2-Hexanone	250.000	226.825	9.3	71	0.00
60 T	Dibromochloromethane	50.000	49.074	1.9	85	0.00
61 T	1,2-Dibromoethane	50.000	47.144	5.7	83	0.00
62 S	4-Bromofluorobenzene	50.000	49.972	0.1	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	45.684	8.6	81	0.00
65 PM	Chlorobenzene	50.000	47.079	5.8	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.799	4.4	86	0.00
67 C	Ethyl Benzene	50.000	47.097	5.8#	81	0.00
68 T	m/p-Xylenes	100.000	95.917	4.1	82	0.00
69 T	o-Xylene	50.000	48.939	2.1	84	0.00
70 T	Styrene	50.000	50.474	-0.9	86	0.00
71 P	Bromoform	50.000	49.357	1.3	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	47.192	5.6	81	0.00
74 T	N-ethyl acetate	50.000	45.180	9.6	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.503	9.0	79	0.00
76 T	1,2,3-Trichloropropane	50.000	43.952	12.1	75	0.00
77 T	Bromobenzene	50.000	48.845	2.3	86	0.00
78 T	n-propylbenzene	50.000	46.178	7.6	80	0.00
79 T	2-Chlorotoluene	50.000	46.938	6.1	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.916	4.2	82	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.762	8.5	77	0.00
82 T	4-Chlorotoluene	50.000	46.749	6.5	82	0.00
83 T	tert-Butylbenzene	50.000	47.970	4.1	81	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.389	3.2	83	0.00
85 T	sec-Butylbenzene	50.000	46.202	7.6	79	0.00
86 T	p-Isopropyltoluene	50.000	47.839	4.3	82	0.00
87 T	1,3-Dichlorobenzene	50.000	47.760	4.5	86	0.00
88 T	1,4-Dichlorobenzene	50.000	47.351	5.3	86	0.00
89 T	n-Butylbenzene	50.000	46.125	7.8	79	0.00
90 T	Hexachloroethane	50.000	45.451	9.1	83	0.00
91 T	1,2-Dichlorobenzene	50.000	47.174	5.7	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.164	11.7	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.948	0.1	85	0.00
94 T	Hexachlorobutadiene	50.000	47.996	4.0	84	0.00
95 T	Naphthalene	50.000	44.545	10.9	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.816	2.4	82	0.00

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