

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031224\
 Data File : VY017644.D
 Acq On : 12 Mar 2024 17:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 13 04:10:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	36.222	27.6#	69	0.00
3 P	Chloromethane	50.000	38.905	22.2	74	0.00
4 C	Vinyl Chloride	50.000	40.604	18.8#	76	0.00
5 T	Bromomethane	50.000	40.726	18.5	79	0.00
6 T	Chloroethane	50.000	43.929	12.1	80	0.00
7 T	Trichlorofluoromethane	50.000	39.053	21.9	73	0.00
8 T	Diethyl Ether	50.000	43.109	13.8	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	41.081	17.8	76	0.00
10 T	Methyl Iodide	50.000	43.641	12.7	75	0.00
11 T	Tert butyl alcohol	250.000	164.222	34.3#	67	0.00
12 CM	1,1-Dichloroethene	50.000	42.234	15.5#	77	0.00
13 T	Acrolein	250.000	115.858	53.7#	43	0.00
14 T	Allyl chloride	50.000	44.642	10.7	79	0.00
15 T	Acrylonitrile	250.000	213.736	14.5	74	0.00
16 T	Acetone	250.000	206.452	17.4	74	0.00
17 T	Carbon Disulfide	50.000	41.514	17.0	76	0.00
18 T	Methyl Acetate	50.000	49.067	1.9	83	0.00
19 T	Methyl tert-butyl Ether	50.000	43.553	12.9	75	0.00
20 T	Methylene Chloride	50.000	45.961	8.1	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	42.675	14.7	77	0.00
22 T	Diisopropyl ether	50.000	45.777	8.4	79	0.00
23 T	Vinyl Acetate	250.000	217.638	12.9	74	0.00
24 P	1,1-Dichloroethane	50.000	43.975	12.0	79	0.00
25 T	2-Butanone	250.000	210.962	15.6	72	0.00
26 T	2,2-Dichloropropane	50.000	43.485	13.0	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	43.937	12.1	78	0.00
28 T	Bromochloromethane	50.000	44.376	11.2	96	0.00
29 T	Tetrahydrofuran	250.000	214.629	14.1	72	0.00
30 C	Chloroform	50.000	43.952	12.1#	79	0.00
31 T	Cyclohexane	50.000	42.209	15.6	78	0.00
32 T	1,1,1-Trichloroethane	50.000	43.286	13.4	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.982	4.0	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	47.080	5.8	93	0.00
36 T	1,1-Dichloropropene	50.000	42.169	15.7	78	0.00
37 T	Ethyl Acetate	50.000	38.999	22.0	71	0.00
38 T	Carbon Tetrachloride	50.000	41.203	17.6	76	0.00
39 T	Methylcyclohexane	50.000	42.594	14.8	77	0.00
40 TM	Benzene	50.000	42.236	15.5	78	0.00
41 T	Methacrylonitrile	50.000	45.979	8.0	79	-0.02
42 TM	1,2-Dichloroethane	50.000	41.927	16.1	77	0.00
43 T	Isopropyl Acetate	50.000	41.103	17.8	72	0.00
44 TM	Trichloroethene	50.000	40.899	18.2	77	0.00
45 C	1,2-Dichloropropane	50.000	42.313	15.4#	78	0.00
46 T	Dibromomethane	50.000	41.575	16.8	76	0.00
47 T	Bromodichloromethane	50.000	42.754	14.5	78	0.00
48 T	Methyl methacrylate	50.000	43.059	13.9	75	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	819.766	18.0	72	0.00
50 S	Toluene-d8	50.000	49.810	0.4	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	206.130	17.5	72	0.00
52 CM	Toluene	50.000	42.682	14.6#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	42.362	15.3	75	0.00
54 T	cis-1,3-Dichloropropene	50.000	42.702	14.6	78	0.00
55 T	1,1,2-Trichloroethane	50.000	40.456	19.1	75	0.00
56 T	Ethyl methacrylate	50.000	39.183	21.6	71	0.00
57 T	1,3-Dichloropropane	50.000	41.631	16.7	75	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	222.723	10.9	93	0.00
59 T	2-Hexanone	250.000	207.087	17.2	70	0.00
60 T	Dibromochloromethane	50.000	41.823	16.4	75	0.00
61 T	1,2-Dibromoethane	50.000	41.201	17.6	74	0.00
62 S	4-Bromofluorobenzene	50.000	49.786	0.4	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	41.336	17.3	77	0.00
65 PM	Chlorobenzene	50.000	41.980	16.0	77	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	41.754	16.5	76	0.00
67 C	Ethyl Benzene	50.000	43.121	13.8#	77	0.00
68 T	m/p-Xylenes	100.000	86.861	13.1	77	0.00
69 T	o-Xylene	50.000	43.484	13.0	76	0.00
70 T	Styrene	50.000	43.231	13.5	75	0.00
71 P	Bromoform	50.000	41.696	16.6	74	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	44.511	11.0	76	0.00
74 T	N-amyl acetate	50.000	42.320	15.4	69	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.136	13.7	74	0.00
76 T	1,2,3-Trichloropropane	50.000	46.697	6.6	83	0.00
77 T	Bromobenzene	50.000	42.764	14.5	75	0.00
78 T	n-propylbenzene	50.000	45.149	9.7	77	0.00
79 T	2-Chlorotoluene	50.000	44.172	11.7	77	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.005	10.0	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.402	17.2	70	0.00
82 T	4-Chlorotoluene	50.000	43.743	12.5	76	0.00
83 T	tert-Butylbenzene	50.000	45.794	8.4	77	0.00
84 T	1,2,4-Trimethylbenzene	50.000	44.664	10.7	76	0.00
85 T	sec-Butylbenzene	50.000	44.926	10.1	76	0.00
86 T	p-Isopropyltoluene	50.000	44.911	10.2	75	0.00
87 T	1,3-Dichlorobenzene	50.000	42.505	15.0	74	0.00
88 T	1,4-Dichlorobenzene	50.000	42.369	15.3	73	0.00
89 T	n-Butylbenzene	50.000	44.838	10.3	74	0.00
90 T	Hexachloroethane	50.000	43.466	13.1	76	0.00
91 T	1,2-Dichlorobenzene	50.000	42.702	14.6	73	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	38.736	22.5	68	0.00
93 T	1,2,4-Trichlorobenzene	50.000	41.146	17.7	68	0.00
94 T	Hexachlorobutadiene	50.000	41.084	17.8	72	0.00
95 T	Naphthalene	50.000	35.660	28.7#	61	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	39.400	21.2	65	0.00

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