

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017195.D
 Acq On : 02 Feb 2024 19:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 02 22:34:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	39.468	21.1	84	0.00
3 P	Chloromethane	50.000	43.125	13.8	88	0.00
4 C	Vinyl Chloride	50.000	42.296	15.4#	86	0.00
5 T	Bromomethane	50.000	45.563	8.9	95	0.00
6 T	Chloroethane	50.000	43.688	12.6	87	0.00
7 T	Trichlorofluoromethane	50.000	41.542	16.9	84	0.00
8 T	Diethyl Ether	50.000	46.693	6.6	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.250	11.5	87	0.00
10 T	Methyl Iodide	50.000	39.959	20.1	75	0.00
11 T	Tert butyl alcohol	250.000	216.270	13.5	89	0.00
12 CM	1,1-Dichloroethene	50.000	44.325	11.3#	87	0.00
13 T	Acrolein	250.000	228.423	8.6	89	0.00
14 T	Allyl chloride	50.000	45.736	8.5	88	0.00
15 T	Acrylonitrile	250.000	236.156	5.5	91	0.00
16 T	Acetone	250.000	188.734	24.5	79	0.00
17 T	Carbon Disulfide	50.000	44.413	11.2	87	0.00
18 T	Methyl Acetate	50.000	52.828	-5.7	92	0.00
19 T	Methyl tert-butyl Ether	50.000	45.873	8.3	87	0.00
20 T	Methylene Chloride	50.000	49.000	2.0	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.926	8.1	89	0.00
22 T	Diisopropyl ether	50.000	47.991	4.0	90	0.00
23 T	Vinyl Acetate	250.000	232.409	7.0	88	0.00
24 P	1,1-Dichloroethane	50.000	45.813	8.4	89	0.00
25 T	2-Butanone	250.000	213.577	14.6	87	0.00
26 T	2,2-Dichloropropane	50.000	41.786	16.4	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.245	7.5	89	0.00
28 T	Bromochloromethane	50.000	57.731	-15.5	98	0.00
29 T	Tetrahydrofuran	250.000	241.596	3.4	92	0.00
30 C	Chloroform	50.000	46.836	6.3#	91	0.00
31 T	Cyclohexane	50.000	42.455	15.1	85	0.00
32 T	1,1,1-Trichloroethane	50.000	44.622	10.8	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.741	2.5	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	48.103	3.8	87	0.00
36 T	1,1-Dichloropropene	50.000	43.287	13.4	85	0.00
37 T	Ethyl Acetate	50.000	43.083	13.8	88	0.00
38 T	Carbon Tetrachloride	50.000	42.826	14.3	85	0.00
39 T	Methylcyclohexane	50.000	43.721	12.6	85	0.00
40 TM	Benzene	50.000	45.486	9.0	90	0.00
41 T	Methacrylonitrile	50.000	50.880	-1.8	103	0.00
42 TM	1,2-Dichloroethane	50.000	44.500	11.0	88	0.00
43 T	Isopropyl Acetate	50.000	45.225	9.5	90	0.00
44 TM	Trichloroethene	50.000	44.830	10.3	88	0.00
45 C	1,2-Dichloropropane	50.000	46.498	7.0#	91	0.00
46 T	Dibromomethane	50.000	45.965	8.1	91	0.00
47 T	Bromodichloromethane	50.000	45.053	9.9	89	0.00
48 T	Methyl methacrylate	50.000	44.372	11.3	86	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	952.202	4.8	92	0.00
50 S	Toluene-d8	50.000	48.632	2.7	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.457	5.8	92	0.00
52 CM	Toluene	50.000	46.201	7.6#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	44.753	10.5	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.551	8.9	88	0.00
55 T	1,1,2-Trichloroethane	50.000	45.894	8.2	90	0.00
56 T	Ethyl methacrylate	50.000	43.153	13.7	88	0.00
57 T	1,3-Dichloropropane	50.000	46.549	6.9	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.177	-3.3	94	0.00
59 T	2-Hexanone	250.000	222.057	11.2	88	0.00
60 T	Dibromochloromethane	50.000	45.650	8.7	91	0.00
61 T	1,2-Dibromoethane	50.000	45.714	8.6	92	0.00
62 S	4-Bromofluorobenzene	50.000	47.855	4.3	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	45.154	9.7	92	0.00
65 PM	Chlorobenzene	50.000	44.655	10.7	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.631	8.7	92	0.00
67 C	Ethyl Benzene	50.000	45.410	9.2#	89	0.00
68 T	m/p-Xylenes	100.000	91.276	8.7	89	0.00
69 T	o-Xylene	50.000	46.118	7.8	89	0.00
70 T	Styrene	50.000	47.904	4.2	91	0.00
71 P	Bromoform	50.000	45.611	8.8	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	44.133	11.7	88	0.00
74 T	N-amyl acetate	50.000	45.054	9.9	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.253	11.5	91	0.00
76 T	1,2,3-Trichloropropane	50.000	49.079	1.8	105	0.00
77 T	Bromobenzene	50.000	43.878	12.2	90	0.00
78 T	n-propylbenzene	50.000	44.643	10.7	89	0.00
79 T	2-Chlorotoluene	50.000	44.609	10.8	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.152	9.7	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.648	14.7	87	0.00
82 T	4-Chlorotoluene	50.000	44.844	10.3	91	0.00
83 T	tert-Butylbenzene	50.000	44.888	10.2	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.172	9.7	89	0.00
85 T	sec-Butylbenzene	50.000	44.348	11.3	88	0.00
86 T	p-Isopropyltoluene	50.000	44.935	10.1	90	0.00
87 T	1,3-Dichlorobenzene	50.000	44.368	11.3	91	0.00
88 T	1,4-Dichlorobenzene	50.000	44.090	11.8	93	0.00
89 T	n-Butylbenzene	50.000	45.144	9.7	90	0.00
90 T	Hexachloroethane	50.000	43.219	13.6	89	0.00
91 T	1,2-Dichlorobenzene	50.000	45.120	9.8	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.523	13.0	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.983	8.0	94	0.00
94 T	Hexachlorobutadiene	50.000	44.417	11.2	95	0.00
95 T	Naphthalene	50.000	44.257	11.5	97	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.335	7.3	98	0.00

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