

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016904.D
 Acq On : 03 Jan 2024 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 04 00:29:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	41.326	17.3	83	0.00
3 P	Chloromethane	50.000	43.973	12.1	88	0.00
4 C	Vinyl Chloride	50.000	44.061	11.9#	87	0.00
5 T	Bromomethane	50.000	43.519	13.0	91	0.00
6 T	Chloroethane	50.000	44.556	10.9	89	0.00
7 T	Trichlorofluoromethane	50.000	43.709	12.6	86	0.00
8 T	Diethyl Ether	50.000	46.654	6.7	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.510	13.0	87	0.00
10 T	Methyl Iodide	50.000	47.127	5.7	86	0.00
11 T	Tert butyl alcohol	250.000	252.570	-1.0	99	0.00
12 CM	1,1-Dichloroethene	50.000	44.349	11.3#	87	0.00
13 T	Acrolein	250.000	249.808	0.1	103	0.00
14 T	Allyl chloride	50.000	45.877	8.2	88	0.00
15 T	Acrylonitrile	250.000	237.485	5.0	93	0.00
16 T	Acetone	250.000	278.054	-11.2	109	0.00
17 T	Carbon Disulfide	50.000	46.206	7.6	86	0.00
18 T	Methyl Acetate	50.000	52.593	-5.2	93	-0.01
19 T	Methyl tert-butyl Ether	50.000	47.712	4.6	91	0.00
20 T	Methylene Chloride	50.000	41.254	17.5	84	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.504	9.0	88	0.00
22 T	Diisopropyl ether	50.000	48.137	3.7	90	0.00
23 T	Vinyl Acetate	250.000	234.711	6.1	91	0.00
24 P	1,1-Dichloroethane	50.000	44.854	10.3	87	0.00
25 T	2-Butanone	250.000	261.553	-4.6	102	0.00
26 T	2,2-Dichloropropane	50.000	44.832	10.3	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.493	7.0	90	0.00
28 T	Bromochloromethane	50.000	45.156	9.7	80	0.00
29 T	Tetrahydrofuran	250.000	243.003	2.8	93	0.00
30 C	Chloroform	50.000	45.189	9.6#	89	0.00
31 T	Cyclohexane	50.000	44.050	11.9	87	0.00
32 T	1,1,1-Trichloroethane	50.000	45.411	9.2	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.387	5.2	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	47.008	6.0	95	0.00
36 T	1,1-Dichloropropene	50.000	45.731	8.5	88	0.00
37 T	Ethyl Acetate	50.000	46.450	7.1	91	0.00
38 T	Carbon Tetrachloride	50.000	44.484	11.0	87	0.00
39 T	Methylcyclohexane	50.000	46.811	6.4	87	0.00
40 TM	Benzene	50.000	45.863	8.3	89	0.00
41 T	Methacrylonitrile	50.000	53.961	-7.9	116	0.00
42 TM	1,2-Dichloroethane	50.000	45.884	8.2	91	0.00
43 T	Isopropyl Acetate	50.000	47.079	5.8	93	0.00
44 TM	Trichloroethene	50.000	45.056	9.9	87	0.00
45 C	1,2-Dichloropropane	50.000	46.326	7.3#	90	0.00
46 T	Dibromomethane	50.000	45.590	8.8	89	0.00
47 T	Bromodichloromethane	50.000	45.828	8.3	90	0.00
48 T	Methyl methacrylate	50.000	47.836	4.3	90	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	933.360	6.7	94	0.00
50 S	Toluene-d8	50.000	48.738	2.5	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	243.959	2.4	92	0.00
52 CM	Toluene	50.000	46.365	7.3#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	47.207	5.6	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.178	5.6	91	0.00
55 T	1,1,2-Trichloroethane	50.000	45.854	8.3	90	0.00
56 T	Ethyl methacrylate	50.000	49.152	1.7	92	0.00
57 T	1,3-Dichloropropane	50.000	46.058	7.9	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.635	-0.3	102	0.00
59 T	2-Hexanone	250.000	241.994	3.2	97	0.00
60 T	Dibromochloromethane	50.000	46.625	6.8	90	0.00
61 T	1,2-Dibromoethane	50.000	47.137	5.7	90	0.00
62 S	4-Bromofluorobenzene	50.000	47.118	5.8	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	44.910	10.2	89	0.00
65 PM	Chlorobenzene	50.000	45.485	9.0	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.109	7.8	90	0.00
67 C	Ethyl Benzene	50.000	46.483	7.0#	88	0.00
68 T	m/p-Xylenes	100.000	95.207	4.8	90	0.00
69 T	o-Xylene	50.000	46.649	6.7	88	0.00
70 T	Styrene	50.000	48.342	3.3	89	0.00
71 P	Bromoform	50.000	46.265	7.5	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	46.858	6.3	89	0.00
74 T	N-ethyl acetate	50.000	48.107	3.8	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.188	7.6	94	0.00
76 T	1,2,3-Trichloropropane	50.000	51.722	-3.4	92	0.00
77 T	Bromobenzene	50.000	45.545	8.9	90	0.00
78 T	n-propylbenzene	50.000	47.025	6.0	89	0.00
79 T	2-Chlorotoluene	50.000	46.105	7.8	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.153	5.7	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.434	5.1	96	0.00
82 T	4-Chlorotoluene	50.000	46.268	7.5	90	0.00
83 T	tert-Butylbenzene	50.000	46.088	7.8	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.403	5.2	90	0.00
85 T	sec-Butylbenzene	50.000	47.088	5.8	90	0.00
86 T	p-Isopropyltoluene	50.000	47.146	5.7	88	0.00
87 T	1,3-Dichlorobenzene	50.000	45.633	8.7	90	0.00
88 T	1,4-Dichlorobenzene	50.000	45.972	8.1	91	0.00
89 T	n-Butylbenzene	50.000	48.196	3.6	91	0.00
90 T	Hexachloroethane	50.000	44.642	10.7	88	0.00
91 T	1,2-Dichlorobenzene	50.000	46.011	8.0	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.731	10.5	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.763	2.5	91	0.00
94 T	Hexachlorobutadiene	50.000	45.438	9.1	89	0.00
95 T	Naphthalene	50.000	48.969	2.1	91	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	48.375	3.3	91	0.00

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