

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018263.D
 Acq On : 14 May 2024 17:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 15 04:17:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 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	74	0.00
2 T	Dichlorodifluoromethane	50.000	41.235	17.5	59	0.00
3 P	Chloromethane	50.000	47.751	4.5	66	0.00
4 C	Vinyl Chloride	50.000	45.350	9.3#	62	0.00
5 T	Bromomethane	50.000	46.364	7.3	67	0.00
6 T	Chloroethane	50.000	46.886	6.2	65	0.00
7 T	Trichlorofluoromethane	50.000	42.234	15.5	59	0.00
8 T	Diethyl Ether	50.000	46.309	7.4	67	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	41.911	16.2	59	0.00
10 T	Methyl Iodide	50.000	41.389	17.2	53	0.00
11 T	Tert butyl alcohol	250.000	300.997	-20.4	89	0.00
12 CM	1,1-Dichloroethene	50.000	42.087	15.8#	58	0.00
13 T	Acrolein	250.000	293.746	-17.5	103	0.00
14 T	Allyl chloride	50.000	45.173	9.7	63	0.00
15 T	Acrylonitrile	250.000	258.567	-3.4	77	0.00
16 T	Acetone	250.000	241.139	3.5	71	0.00
17 T	Carbon Disulfide	50.000	43.158	13.7	56	0.00
18 T	Methyl Acetate	50.000	48.173	3.7	76	0.00
19 T	Methyl tert-butyl Ether	50.000	47.113	5.8	70	0.00
20 T	Methylene Chloride	50.000	50.706	-1.4	77	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.125	13.8	59	0.00
22 T	Diisopropyl ether	50.000	45.446	9.1	65	0.00
23 T	Vinyl Acetate	250.000	242.042	3.2	71	0.00
24 P	1,1-Dichloroethane	50.000	44.797	10.4	63	0.00
25 T	2-Butanone	250.000	243.209	2.7	73	0.00
26 T	2,2-Dichloropropane	50.000	41.216	17.6	58	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.441	11.1	62	0.00
28 T	Bromochloromethane	50.000	50.934	-1.9	77	0.00
29 T	Tetrahydrofuran	250.000	251.456	-0.6	78	0.00
30 C	Chloroform	50.000	45.045	9.9#	64	0.00
31 T	Cyclohexane	50.000	42.595	14.8	58	0.00
32 T	1,1,1-Trichloroethane	50.000	42.633	14.7	60	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.391	-0.8	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	43.945	12.1	81	0.00
36 T	1,1-Dichloropropene	50.000	40.675	18.7	60	0.00
37 T	Ethyl Acetate	50.000	48.206	3.6	76	0.00
38 T	Carbon Tetrachloride	50.000	39.928	20.1	59	0.00
39 T	Methylcyclohexane	50.000	38.614	22.8	56	0.00
40 TM	Benzene	50.000	41.745	16.5	62	0.00
41 T	Methacrylonitrile	50.000	44.675	10.7	67	-0.01
42 TM	1,2-Dichloroethane	50.000	44.752	10.5	70	0.00
43 T	Isopropyl Acetate	50.000	46.127	7.7	75	0.00
44 TM	Trichloroethene	50.000	40.014	20.0	59	0.00
45 C	1,2-Dichloropropane	50.000	41.756	16.5#	62	0.00
46 T	Dibromomethane	50.000	43.978	12.0	69	0.00
47 T	Bromodichloromethane	50.000	42.987	14.0	65	0.00
48 T	Methyl methacrylate	50.000	45.309	9.4	74	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	917.594	8.2	74	0.00
50 S	Toluene-d8	50.000	44.249	11.5	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.987	3.2	78	0.00
52 CM	Toluene	50.000	41.718	16.6#	63	0.00
53 T	t-1,3-Dichloropropene	50.000	42.319	15.4	65	0.00
54 T	cis-1,3-Dichloropropene	50.000	42.574	14.9	66	0.00
55 T	1,1,2-Trichloroethane	50.000	43.330	13.3	68	0.00
56 T	Ethyl methacrylate	50.000	45.174	9.7	71	0.00
57 T	1,3-Dichloropropane	50.000	44.297	11.4	69	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	289.288	-15.7	106	0.00
59 T	2-Hexanone	250.000	232.742	6.9	73	0.00
60 T	Dibromochloromethane	50.000	41.881	16.2	65	0.00
61 T	1,2-Dibromoethane	50.000	43.810	12.4	70	0.00
62 S	4-Bromofluorobenzene	50.000	43.151	13.7	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	38.134	23.7	59	0.00
65 PM	Chlorobenzene	50.000	39.275	21.5	62	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	39.238	21.5	63	0.00
67 C	Ethyl Benzene	50.000	39.632	20.7#	62	0.00
68 T	m/p-Xylenes	100.000	77.961	22.0	61	0.00
69 T	o-Xylene	50.000	39.031	21.9	62	0.00
70 T	Styrene	50.000	39.713	20.6	63	0.00
71 P	Bromoform	50.000	40.231	19.5	66	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73 T	Isopropylbenzene	50.000	38.394	23.2	61	0.00
74 T	N-amyl acetate	50.000	43.824	12.4	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	42.515	15.0	72	0.00
76 T	1,2,3-Trichloropropane	50.000	42.561	14.9	73	0.00
77 T	Bromobenzene	50.000	39.375	21.3	62	0.00
78 T	n-propylbenzene	50.000	38.799	22.4	61	0.00
79 T	2-Chlorotoluene	50.000	38.652	22.7	62	0.00
80 T	1,3,5-Trimethylbenzene	50.000	38.932	22.1	62	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	40.442	19.1	65	0.00
82 T	4-Chlorotoluene	50.000	39.060	21.9	63	0.00
83 T	tert-Butylbenzene	50.000	39.146	21.7	61	0.00
84 T	1,2,4-Trimethylbenzene	50.000	39.803	20.4	63	0.00
85 T	sec-Butylbenzene	50.000	38.702	22.6	61	0.00
86 T	p-Isopropyltoluene	50.000	38.528	22.9	60	0.00
87 T	1,3-Dichlorobenzene	50.000	39.008	22.0	63	0.00
88 T	1,4-Dichlorobenzene	50.000	39.229	21.5	63	0.00
89 T	n-Butylbenzene	50.000	38.764	22.5	61	0.00
90 T	Hexachloroethane	50.000	37.651	24.7	59	0.00
91 T	1,2-Dichlorobenzene	50.000	40.165	19.7	65	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.518	15.0	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	39.276	21.4	63	0.00
94 T	Hexachlorobutadiene	50.000	38.889	22.2	59	0.00
95 T	Naphthalene	50.000	43.572	12.9	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.635	16.7	67	0.00

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