

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019670.D
 Acq On : 23 Sep 2024 16:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 24 04:17:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 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	57	0.00
2 T	Dichlorodifluoromethane	50.000	38.079	23.8	46	0.00
3 P	Chloromethane	50.000	42.129	15.7	51	0.00
4 C	Vinyl Chloride	50.000	48.029	3.9#	55	0.00
5 T	Bromomethane	50.000	57.840	-15.7	64	0.00
6 T	Chloroethane	50.000	54.302	-8.6	61	0.00
7 T	Trichlorofluoromethane	50.000	49.417	1.2	57	0.00
8 T	Diethyl Ether	50.000	48.031	3.9	52	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.199	5.6	54	0.00
10 T	Methyl Iodide	50.000	42.936	14.1	47	0.00
11 T	Tert butyl alcohol	250.000	231.239	7.5	49	0.00
12 CM	1,1-Dichloroethene	50.000	46.253	7.5#	52	0.00
13 T	Acrolein	250.000	153.622	38.6#	41	0.00
14 T	Allyl chloride	50.000	45.152	9.7	50	0.00
15 T	Acrylonitrile	250.000	234.831	6.1	50	0.00
16 T	Acetone	250.000	192.325	23.1	39	0.00
17 T	Carbon Disulfide	50.000	43.818	12.4	47	0.00
18 T	Methyl Acetate	50.000	46.478	7.0	46	0.00
19 T	Methyl tert-butyl Ether	50.000	48.166	3.7	53	0.00
20 T	Methylene Chloride	50.000	48.247	3.5	55	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.960	2.1	54	0.00
22 T	Diisopropyl ether	50.000	48.122	3.8	53	0.00
23 T	Vinyl Acetate	250.000	229.327	8.3	50	0.00
24 P	1,1-Dichloroethane	50.000	49.778	0.4	55	0.00
25 T	2-Butanone	250.000	209.439	16.2	44	0.00
26 T	2,2-Dichloropropane	50.000	46.139	7.7	52	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.894	-1.8	56	0.00
28 T	Bromochloromethane	50.000	52.877	-5.8	57	0.00
29 T	Tetrahydrofuran	250.000	220.755	11.7	47	0.00
30 C	Chloroform	50.000	52.106	-4.2#	57	0.00
31 T	Cyclohexane	50.000	42.505	15.0	50	0.00
32 T	1,1,1-Trichloroethane	50.000	50.836	-1.7	57	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.669	-7.3	58	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	59	0.00
35 S	Dibromofluoromethane	50.000	51.106	-2.2	59	0.00
36 T	1,1-Dichloropropene	50.000	47.296	5.4	55	0.00
37 T	Ethyl Acetate	50.000	43.816	12.4	48	0.00
38 T	Carbon Tetrachloride	50.000	47.494	5.0	56	0.00
39 T	Methylcyclohexane	50.000	44.054	11.9	52	0.00
40 TM	Benzene	50.000	47.351	5.3	55	0.00
41 T	Methacrylonitrile	50.000	45.085	9.8	47	0.00
42 TM	1,2-Dichloroethane	50.000	49.673	0.7	57	0.00
43 T	Isopropyl Acetate	50.000	43.448	13.1	49	0.00
44 TM	Trichloroethene	50.000	47.489	5.0	55	0.00
45 C	1,2-Dichloropropane	50.000	46.842	6.3#	55	0.00
46 T	Dibromomethane	50.000	49.515	1.0	55	0.00
47 T	Bromodichloromethane	50.000	49.493	1.0	57	0.00
48 T	Methyl methacrylate	50.000	41.950	16.1	46	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	930.701	6.9	53	0.00
50 S	Toluene-d8	50.000	50.234	-0.5	57	0.00
51 T	4-Methyl-2-Pentanone	250.000	213.321	14.7	47	0.00
52 CM	Toluene	50.000	48.020	4.0#	55	0.00
53 T	t-1,3-Dichloropropene	50.000	45.683	8.6	51	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.827	8.3	52	0.00
55 T	1,1,2-Trichloroethane	50.000	47.942	4.1	54	0.00
56 T	Ethyl methacrylate	50.000	44.918	10.2	51	0.00
57 T	1,3-Dichloropropane	50.000	46.945	6.1	53	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	499.227	-99.7#	114	0.00
59 T	2-Hexanone	250.000	196.666	21.3	43	0.00
60 T	Dibromochloromethane	50.000	48.728	2.5	55	0.00
61 T	1,2-Dibromoethane	50.000	47.131	5.7	53	0.00
62 S	4-Bromofluorobenzene	50.000	47.839	4.3	57	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	59	0.00
64 T	Tetrachloroethene	50.000	48.395	3.2	57	0.00
65 PM	Chlorobenzene	50.000	48.091	3.8	56	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.764	4.5	56	0.00
67 C	Ethyl Benzene	50.000	47.869	4.3#	56	0.00
68 T	m/p-Xylenes	100.000	95.377	4.6	56	0.00
69 T	o-Xylene	50.000	47.433	5.1	55	0.00
70 T	Styrene	50.000	47.728	4.5	55	0.00
71 P	Bromoform	50.000	45.551	8.9	51	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	60	0.00
73 T	Isopropylbenzene	50.000	47.092	5.8	57	0.00
74 T	N-amyl acetate	50.000	40.222	19.6	47	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.260	9.5	53	0.00
76 T	1,2,3-Trichloropropane	50.000	37.757	24.5	41	0.00
77 T	Bromobenzene	50.000	48.565	2.9	58	0.00
78 T	n-propylbenzene	50.000	46.882	6.2	56	0.00
79 T	2-Chlorotoluene	50.000	46.487	7.0	56	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.490	7.0	56	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	37.936	24.1	44	0.00
82 T	4-Chlorotoluene	50.000	46.595	6.8	56	0.00
83 T	tert-Butylbenzene	50.000	47.443	5.1	57	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.489	7.0	56	0.00
85 T	sec-Butylbenzene	50.000	46.915	6.2	57	0.00
86 T	p-Isopropyltoluene	50.000	47.262	5.5	57	0.00
87 T	1,3-Dichlorobenzene	50.000	47.350	5.3	57	0.00
88 T	1,4-Dichlorobenzene	50.000	47.029	5.9	56	0.00
89 T	n-Butylbenzene	50.000	46.614	6.8	56	0.00
90 T	Hexachloroethane	50.000	46.189	7.6	56	0.00
91 T	1,2-Dichlorobenzene	50.000	46.793	6.4	55	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.264	17.5	48	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.482	11.0	52	0.00
94 T	Hexachlorobutadiene	50.000	44.915	10.2	55	0.00
95 T	Naphthalene	50.000	42.095	15.8	48	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	43.509	13.0	50	0.00

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