

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020421.D
 Acq On : 22 Nov 2024 18:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 23 00:04:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 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	68	0.00
2 T	Dichlorodifluoromethane	50.000	51.846	-3.7	76	0.00
3 P	Chloromethane	50.000	41.178	17.6	53	0.00
4 C	Vinyl Chloride	50.000	39.179	21.6#	57	0.00
5 T	Bromomethane	50.000	47.016	6.0	68	0.00
6 T	Chloroethane	50.000	41.803	16.4	60	0.00
7 T	Trichlorofluoromethane	50.000	49.257	1.5	67	0.00
8 T	Diethyl Ether	50.000	49.586	0.8	65	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.744	8.5	58	0.00
10 T	Methyl Iodide	50.000	47.859	4.3	58	0.00
11 T	Tert butyl alcohol	250.000	192.236	23.1	62	0.00
12 CM	1,1-Dichloroethene	50.000	47.621	4.8#	60	0.00
13 T	Acrolein	250.000	227.832	8.9	61	0.00
14 T	Allyl chloride	50.000	45.153	9.7	69	0.00
15 T	Acrylonitrile	250.000	242.402	3.0	69	0.00
16 T	Acetone	250.000	184.645	26.1#	43	0.00
17 T	Carbon Disulfide	50.000	45.879	8.2	55	0.00
18 T	Methyl Acetate	50.000	50.112	-0.2	73	0.00
19 T	Methyl tert-butyl Ether	50.000	49.866	0.3	69	0.01
20 T	Methylene Chloride	50.000	49.271	1.5	69	0.01
21 T	trans-1,2-Dichloroethene	50.000	48.773	2.5	67	0.00
22 T	Diisopropyl ether	50.000	46.247	7.5	65	0.00
23 T	Vinyl Acetate	250.000	220.441	11.8	61	0.00
24 P	1,1-Dichloroethane	50.000	48.594	2.8	68	0.00
25 T	2-Butanone	250.000	221.709	11.3	60	0.00
26 T	2,2-Dichloropropane	50.000	42.941	14.1	59	0.01
27 T	cis-1,2-Dichloroethene	50.000	51.594	-3.2	68	0.00
28 T	Bromochloromethane	50.000	45.292	9.4	60	0.00
29 T	Tetrahydrofuran	250.000	240.080	4.0	65	0.00
30 C	Chloroform	50.000	51.159	-2.3#	64	0.00
31 T	Cyclohexane	50.000	43.534	12.9	61	0.00
32 T	1,1,1-Trichloroethane	50.000	52.617	-5.2	72	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.335	-8.7	67	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	63	0.00
35 S	Dibromofluoromethane	50.000	50.120	-0.2	63	0.00
36 T	1,1-Dichloropropene	50.000	48.088	3.8	66	0.00
37 T	Ethyl Acetate	50.000	48.403	3.2	65	0.00
38 T	Carbon Tetrachloride	50.000	53.867	-7.7	73	0.00
39 T	Methylcyclohexane	50.000	46.303	7.4	62	0.00
40 TM	Benzene	50.000	50.541	-1.1	68	0.00
41 T	Methacrylonitrile	50.000	50.688	-1.4	70	0.00
42 TM	1,2-Dichloroethane	50.000	53.299	-6.6	72	0.00
43 T	Isopropyl Acetate	50.000	48.204	3.6	63	0.00
44 TM	Trichloroethene	50.000	51.743	-3.5	70	0.00
45 C	1,2-Dichloropropane	50.000	49.025	2.0#	67	0.00
46 T	Dibromomethane	50.000	51.083	-2.2	66	0.00
47 T	Bromodichloromethane	50.000	51.759	-3.5	65	0.00
48 T	Methyl methacrylate	50.000	49.614	0.8	65	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	977.626	2.2	64	0.00
50 S	Toluene-d8	50.000	50.500	-1.0	58	0.00
51 T	4-Methyl-2-Pentanone	250.000	238.525	4.6	54	0.00
52 CM	Toluene	50.000	51.274	-2.5#	67	0.00
53 T	t-1,3-Dichloropropene	50.000	48.047	3.9	62	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.016	-0.0	66	0.00
55 T	1,1,2-Trichloroethane	50.000	49.954	0.1	67	0.00
56 T	Ethyl methacrylate	50.000	49.307	1.4	62	0.00
57 T	1,3-Dichloropropane	50.000	50.425	-0.8	64	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	253.332	-1.3	68	0.00
59 T	2-Hexanone	250.000	224.350	10.3	52	0.00
60 T	Dibromochloromethane	50.000	53.381	-6.8	67	0.00
61 T	1,2-Dibromoethane	50.000	50.332	-0.7	63	0.00
62 S	4-Bromofluorobenzene	50.000	53.287	-6.6	64	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	62	0.00
64 T	Tetrachloroethene	50.000	57.834	-15.7	78	0.00
65 PM	Chlorobenzene	50.000	50.050	-0.1	61	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.894	-5.8	66	0.00
67 C	Ethyl Benzene	50.000	49.993	0.0#	62	0.00
68 T	m/p-Xylenes	100.000	102.787	-2.8	67	0.00
69 T	o-Xylene	50.000	51.270	-2.5	67	0.00
70 T	Styrene	50.000	51.877	-3.8	67	0.00
71 P	Bromoform	50.000	54.697	-9.4	70	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	71	0.00
73 T	Isopropylbenzene	50.000	47.664	4.7	67	0.00
74 T	N-amyl acetate	50.000	43.425	13.2	58	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.250	9.5	61	0.00
76 T	1,2,3-Trichloropropane	50.000	45.120	9.8	59	0.00
77 T	Bromobenzene	50.000	49.276	1.4	68	0.00
78 T	n-propylbenzene	50.000	47.745	4.5	67	0.00
79 T	2-Chlorotoluene	50.000	47.473	5.1	69	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.232	3.5	69	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.159	13.7	58	0.00
82 T	4-Chlorotoluene	50.000	46.658	6.7	68	0.00
83 T	tert-Butylbenzene	50.000	49.481	1.0	69	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.932	4.1	68	0.00
85 T	sec-Butylbenzene	50.000	43.981	12.0	59	0.00
86 T	p-Isopropyltoluene	50.000	47.453	5.1	65	0.00
87 T	1,3-Dichlorobenzene	50.000	46.366	7.3	64	0.00
88 T	1,4-Dichlorobenzene	50.000	48.155	3.7	68	0.00
89 T	n-Butylbenzene	50.000	46.262	7.5	64	0.00
90 T	Hexachloroethane	50.000	48.150	3.7	63	0.00
91 T	1,2-Dichlorobenzene	50.000	48.323	3.4	67	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.540	10.9	60	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.985	8.0	66	0.00
94 T	Hexachlorobutadiene	50.000	49.979	0.0	73	0.00
95 T	Naphthalene	50.000	48.429	3.1	66	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	45.153	9.7	67	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6