

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013237.D
 Acq On : 10 Apr 2023 19:41
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICV050

Quant Time: Apr 11 17:07:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	44.337	11.3	91	0.00
3 P	Chloromethane	50.000	56.955	-13.9	105	0.00
4 C	Vinyl Chloride	50.000	49.907	0.2#	103	0.00
5 T	Bromomethane	50.000	56.633	-13.3	105	0.00
6 T	Chloroethane	50.000	49.780	0.4	101	0.00
7 T	Trichlorofluoromethane	50.000	47.846	4.3	96	0.00
8 T	Diethyl Ether	50.000	48.375	3.3	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.458	7.1	92	0.00
10 T	Methyl Iodide	50.000	44.675	10.7	94	0.00
11 T	Tert butyl alcohol	250.000	177.554	29.0#	85	0.02
12 CM	1,1-Dichloroethene	50.000	46.201	7.6#	93	0.00
13 T	Acrolein	250.000	206.545	17.4	89	0.00
14 T	Allyl chloride	50.000	46.427	7.1	93	0.00
15 T	Acrylonitrile	250.000	240.275	3.9	90	0.00
16 T	Acetone	250.000	228.822	8.5	84	0.01
17 T	Carbon Disulfide	50.000	47.951	4.1	92	0.00
18 T	Methyl Acetate	50.000	45.762	8.5	88	0.00
19 T	Methyl tert-butyl Ether	50.000	51.622	-3.2	97	0.00
20 T	Methylene Chloride	50.000	60.949	-21.9	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.855	2.3	96	0.00
22 T	Diisopropyl ether	50.000	52.137	-4.3	97	0.00
23 T	Vinyl Acetate	250.000	260.365	-4.1	95	0.00
24 P	1,1-Dichloroethane	50.000	47.820	4.4	97	0.00
25 T	2-Butanone	50.000	47.151	5.7	86	0.00
26 T	2,2-Dichloropropane	50.000	46.279	7.4	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.817	2.4	96	0.00
28 T	Bromochloromethane	50.000	52.786	-5.6	95	0.00
29 T	Tetrahydrofuran	250.000	245.122	2.0	89	0.00
30 C	Chloroform	50.000	48.865	2.3#	97	0.00
31 T	Cyclohexane	50.000	44.415	11.2	93	0.00
32 T	1,1,1-Trichloroethane	50.000	48.594	2.8	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.731	0.5	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	49.159	1.7	96	0.00
36 T	1,1-Dichloropropene	50.000	46.784	6.4	91	0.00
37 T	Ethyl Acetate	50.000	49.571	0.9	93	0.00
38 T	Carbon Tetrachloride	50.000	47.865	4.3	96	0.00
39 T	Methylcyclohexane	50.000	48.771	2.5	93	0.00
40 TM	Benzene	50.000	48.530	2.9	96	0.00
41 T	Methacrylonitrile	50.000	49.482	1.0	103	0.00
42 TM	1,2-Dichloroethane	50.000	49.075	1.8	97	0.00
43 T	Isopropyl Acetate	50.000	49.260	1.5	93	0.00
44 TM	Trichloroethene	50.000	47.657	4.7	94	0.00
45 C	1,2-Dichloropropane	50.000	49.235	1.5#	96	0.00
46 T	Dibromomethane	50.000	48.234	3.5	94	0.00
47 T	Bromodichloromethane	50.000	48.661	2.7	96	0.00
48 T	Methyl methacrylate	50.000	49.553	0.9	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	970.366	3.0	87	0.00
50 S	Toluene-d8	50.000	51.103	-2.2	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.368	-2.1	92	0.00
52 CM	Toluene	50.000	50.237	-0.5#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	50.481	-1.0	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.565	2.9	95	0.00
55 T	1,1,2-Trichloroethane	50.000	48.771	2.5	94	0.00
56 T	Ethyl methacrylate	50.000	52.928	-5.9	96	0.00
57 T	1,3-Dichloropropane	50.000	49.492	1.0	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	252.406	-1.0	96	0.00
59 T	2-Hexanone	250.000	256.836	-2.7	90	0.00
60 T	Dibromochloromethane	50.000	50.717	-1.4	98	0.00
61 T	1,2-Dibromoethane	50.000	49.967	0.1	98	0.00
62 S	4-Bromofluorobenzene	50.000	50.932	-1.9	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	48.173	3.7	97	0.00
65 PM	Chlorobenzene	50.000	49.269	1.5	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.093	-0.2	100	0.00
67 C	Ethyl Benzene	50.000	50.143	-0.3#	97	0.00
68 T	m/p-Xylenes	100.000	102.331	-2.3	96	0.00
69 T	o-Xylene	50.000	51.355	-2.7	97	0.00
70 T	Styrene	50.000	53.047	-6.1	98	0.00
71 P	Bromoform	50.000	50.614	-1.2	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	49.715	0.6	96	0.00
74 T	N-amyl acetate	50.000	52.097	-4.2	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.881	4.2	95	0.00
76 T	1,2,3-Trichloropropane	50.000	48.923	2.2	97	0.00
77 T	Bromobenzene	50.000	48.870	2.3	98	0.00
78 T	n-propylbenzene	50.000	50.053	-0.1	96	0.00
79 T	2-Chlorotoluene	50.000	48.923	2.2	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.214	-2.4	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.452	1.1	94	0.00
82 T	4-Chlorotoluene	50.000	49.860	0.3	98	0.00
83 T	tert-Butylbenzene	50.000	50.587	-1.2	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.672	-1.3	97	0.00
85 T	sec-Butylbenzene	50.000	50.650	-1.3	96	0.00
86 T	p-Isopropyltoluene	50.000	50.776	-1.6	96	0.00
87 T	1,3-Dichlorobenzene	50.000	48.674	2.7	98	0.00
88 T	1,4-Dichlorobenzene	50.000	48.343	3.3	97	0.00
89 T	n-Butylbenzene	50.000	50.521	-1.0	97	0.00
90 T	Hexachloroethane	50.000	47.702	4.6	97	0.00
91 T	1,2-Dichlorobenzene	50.000	49.570	0.9	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.952	8.1	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.544	0.9	99	0.00
94 T	Hexachlorobutadiene	50.000	46.542	6.9	99	0.00
95 T	Naphthalene	50.000	51.233	-2.5	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.989	2.0	98	0.00

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