

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009354.D
 Acq On : 27 Jun 2022 19:32
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 28 04:32:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 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	40.911	18.2	69	0.00
3 P	Chloromethane	50.000	39.557	20.9	64	0.00
4 C	Vinyl Chloride	50.000	45.987	8.0#	75	0.00
5 T	Bromomethane	50.000	42.273	15.5	74	0.00
6 T	Chloroethane	50.000	49.033	1.9	79	0.00
7 T	Trichlorofluoromethane	50.000	48.278	3.4	78	0.00
8 T	Diethyl Ether	50.000	47.494	5.0	70	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.688	10.6	71	0.00
10 T	Methyl Iodide	50.000	42.152	15.7	63	0.00
11 T	Tert butyl alcohol	250.000	225.970	9.6	73	0.00
12 CM	1,1-Dichloroethene	50.000	42.407	15.2#	66	0.00
13 T	Acrolein	250.000	166.783	33.3#	49	0.00
14 T	Allyl chloride	50.000	45.835	8.3	69	0.00
15 T	Acrylonitrile	250.000	263.469	-5.4	80	0.00
16 T	Acetone	250.000	214.000	14.4	65	0.00
17 T	Carbon Disulfide	50.000	37.171	25.7#	58	0.00
18 T	Methyl Acetate	50.000	49.885	0.2	80	0.00
19 T	Methyl tert-butyl Ether	50.000	49.653	0.7	74	0.00
20 T	Methylene Chloride	50.000	52.811	-5.6	80	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.083	11.8	66	0.00
22 T	Diisopropyl ether	50.000	54.597	-9.2	83	0.00
23 T	Vinyl Acetate	250.000	279.829	-11.9	82	0.00
24 P	1,1-Dichloroethane	50.000	48.271	3.5	72	0.00
25 T	2-Butanone	250.000	269.624	-7.8	83	0.00
26 T	2,2-Dichloropropane	50.000	44.447	11.1	71	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.034	3.9	73	0.00
28 T	Bromochloromethane	50.000	57.570	-15.1	80	0.00
29 T	Tetrahydrofuran	250.000	293.965	-17.6	88	0.00
30 C	Chloroform	50.000	49.799	0.4#	76	0.00
31 T	Cyclohexane	50.000	45.054	9.9	72	0.00
32 T	1,1,1-Trichloroethane	50.000	48.618	2.8	74	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.741	0.5	76	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35 S	Dibromofluoromethane	50.000	47.253	5.5	75	0.00
36 T	1,1-Dichloropropene	50.000	48.469	3.1	74	0.00
37 T	Ethyl Acetate	50.000	56.637	-13.3	87	0.00
38 T	Carbon Tetrachloride	50.000	48.607	2.8	74	0.00
39 T	Methylcyclohexane	50.000	47.084	5.8	70	0.00
40 TM	Benzene	50.000	49.261	1.5	75	0.00
41 T	Methacrylonitrile	50.000	44.115	11.8	70	0.00
42 TM	1,2-Dichloroethane	50.000	51.728	-3.5	79	0.00
43 T	Isopropyl Acetate	50.000	56.428	-12.9	87	0.00
44 TM	Trichloroethene	50.000	47.624	4.8	73	0.00
45 C	1,2-Dichloropropane	50.000	52.401	-4.8#	79	0.00
46 T	Dibromomethane	50.000	52.806	-5.6	80	0.00
47 T	Bromodichloromethane	50.000	51.695	-3.4	79	0.00
48 T	Methyl methacrylate	50.000	54.872	-9.7	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1113.246	-11.3	82	0.00
50 S	Toluene-d8	50.000	50.539	-1.1	77	0.00
51 T	4-Methyl-2-Pentanone	250.000	306.222	-22.5	95	0.00
52 CM	Toluene	50.000	52.138	-4.3#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	52.305	-4.6	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.541	-3.1	78	0.00
55 T	1,1,2-Trichloroethane	50.000	54.127	-8.3	83	0.00
56 T	Ethyl methacrylate	50.000	58.288	-16.6	86	0.00
57 T	1,3-Dichloropropane	50.000	54.261	-8.5	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	301.573	-20.6	84	0.00
59 T	2-Hexanone	250.000	302.014	-20.8	93	0.00
60 T	Dibromochloromethane	50.000	54.402	-8.8	82	0.00
61 T	1,2-Dibromoethane	50.000	54.569	-9.1	82	0.00
62 S	4-Bromofluorobenzene	50.000	52.333	-4.7	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64 T	Tetrachloroethene	50.000	49.715	0.6	79	0.00
65 PM	Chlorobenzene	50.000	50.059	-0.1	81	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.453	-2.9	82	0.00
67 C	Ethyl Benzene	50.000	50.062	-0.1#	82	0.00
68 T	m/p-Xylenes	100.000	99.786	0.2	81	0.00
69 T	o-Xylene	50.000	50.926	-1.9	82	0.00
70 T	Styrene	50.000	52.667	-5.3	85	0.00
71 P	Bromoform	50.000	56.435	-12.9	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	48.700	2.6	85	0.00
74 T	N-ethyl acetate	50.000	51.194	-2.4	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.738	-5.5	93	0.00
76 T	1,2,3-Trichloropropane	50.000	49.270	1.5	93	0.00
77 T	Bromobenzene	50.000	48.099	3.8	85	0.00
78 T	n-propylbenzene	50.000	47.869	4.3	85	0.00
79 T	2-Chlorotoluene	50.000	48.421	3.2	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.127	3.7	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.939	-3.9	93	0.00
82 T	4-Chlorotoluene	50.000	47.237	5.5	84	0.00
83 T	tert-Butylbenzene	50.000	48.647	2.7	86	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.486	3.0	85	0.00
85 T	sec-Butylbenzene	50.000	48.501	3.0	86	0.00
86 T	p-Isopropyltoluene	50.000	48.420	3.2	85	0.00
87 T	1,3-Dichlorobenzene	50.000	47.949	4.1	85	0.00
88 T	1,4-Dichlorobenzene	50.000	47.876	4.2	85	0.00
89 T	n-Butylbenzene	50.000	48.762	2.5	88	0.00
90 T	Hexachloroethane	50.000	49.876	0.2	89	0.00
91 T	1,2-Dichlorobenzene	50.000	49.047	1.9	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.124	-6.2	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.987	0.0	88	0.00
94 T	Hexachlorobutadiene	50.000	48.783	2.4	87	0.00
95 T	Naphthalene	50.000	54.800	-9.6	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.544	-1.1	88	0.00

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