

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009812.D
 Acq On : 01 Aug 2022 21:19
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 02 01:43:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 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	65	0.00
2 T	Dichlorodifluoromethane	50.000	36.137	27.7#	50	0.00
3 P	Chloromethane	50.000	47.997	4.0	62	0.00
4 C	Vinyl Chloride	50.000	45.663	8.7#	59	0.00
5 T	Bromomethane	50.000	49.400	1.2	64	0.00
6 T	Chloroethane	50.000	51.887	-3.8	66	0.00
7 T	Trichlorofluoromethane	50.000	42.382	15.2	56	0.00
8 T	Diethyl Ether	50.000	43.542	12.9	57	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.678	14.6	56	0.00
10 T	Methyl Iodide	50.000	43.390	13.2	52	0.00
11 T	Tert butyl alcohol	250.000	178.910	28.4#	50	0.00
12 CM	1,1-Dichloroethene	50.000	41.911	16.2#	54	0.00
13 T	Acrolein	250.000	300.246	-20.1	83	0.00
14 T	Allyl chloride	50.000	41.452	17.1	54	0.00
15 T	Acrylonitrile	250.000	240.102	4.0	62	0.00
16 T	Acetone	250.000	181.533	27.4#	40	0.00
17 T	Carbon Disulfide	50.000	40.613	18.8	51	0.00
18 T	Methyl Acetate	50.000	45.618	8.8	62	0.00
19 T	Methyl tert-butyl Ether	50.000	45.213	9.6	57	0.01
20 T	Methylene Chloride	50.000	51.974	-3.9	68	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.850	12.3	56	0.00
22 T	Diisopropyl ether	50.000	47.646	4.7	60	0.00
23 T	Vinyl Acetate	250.000	229.589	8.2	59	0.00
24 P	1,1-Dichloroethane	50.000	45.480	9.0	59	0.00
25 T	2-Butanone	250.000	215.265	13.9	51	0.00
26 T	2,2-Dichloropropane	50.000	37.574	24.9	50	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.089	9.8	58	0.00
28 T	Bromochloromethane	50.000	46.392	7.2	61	0.00
29 T	Tetrahydrofuran	250.000	244.035	2.4	61	0.00
30 C	Chloroform	50.000	53.318	-6.6#	70	0.00
31 T	Cyclohexane	50.000	44.152	11.7	58	0.00
32 T	1,1,1-Trichloroethane	50.000	50.895	-1.8	66	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.527	2.9	65	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	61	0.00
35 S	Dibromofluoromethane	50.000	51.184	-2.4	69	0.00
36 T	1,1-Dichloropropene	50.000	52.892	-5.8	63	0.00
37 T	Ethyl Acetate	50.000	48.081	3.8	58	0.00
38 T	Carbon Tetrachloride	50.000	53.996	-8.0	66	0.00
39 T	Methylcyclohexane	50.000	48.754	2.5	57	0.00
40 TM	Benzene	50.000	53.848	-7.7	65	0.00
41 T	Methacrylonitrile	50.000	57.293	-14.6	68	0.02
42 TM	1,2-Dichloroethane	50.000	55.557	-11.1	68	0.00
43 T	Isopropyl Acetate	50.000	53.931	-7.9	64	0.00
44 TM	Trichloroethene	50.000	53.351	-6.7	65	0.00
45 C	1,2-Dichloropropane	50.000	54.761	-9.5#	66	0.00
46 T	Dibromomethane	50.000	54.961	-9.9	66	0.00
47 T	Bromodichloromethane	50.000	55.511	-11.0	66	0.00
48 T	Methyl methacrylate	50.000	54.942	-9.9	64	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	1009.795	-1.0	72	0.00
50 S	Toluene-d8	50.000	47.894	4.2	66	0.00
51 T	4-Methyl-2-Pentanone	250.000	290.900	-16.4	72	0.00
52 CM	Toluene	50.000	50.395	-0.8#	64	0.00
53 T	t-1,3-Dichloropropene	50.000	49.533	0.9	62	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.041	-8.1	63	0.00
55 T	1,1,2-Trichloroethane	50.000	51.582	-3.2	67	0.00
56 T	Ethyl methacrylate	50.000	52.370	-4.7	63	0.00
57 T	1,3-Dichloropropane	50.000	51.867	-3.7	67	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.028	-1.6	62	0.00
59 T	2-Hexanone	250.000	266.137	-6.5	63	0.00
60 T	Dibromochloromethane	50.000	52.867	-5.7	68	0.00
61 T	1,2-Dibromoethane	50.000	50.470	-0.9	65	0.00
62 S	4-Bromofluorobenzene	50.000	47.233	5.5	59	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	60	0.00
64 T	Tetrachloroethene	50.000	49.869	0.3	61	0.00
65 PM	Chlorobenzene	50.000	49.792	0.4	60	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.466	-4.9	63	0.00
67 C	Ethyl Benzene	50.000	50.000	0.0	59	0.00
68 T	m/p-Xylenes	100.000	103.020	-3.0	60	0.00
69 T	o-Xylene	50.000	51.892	-3.8	60	0.00
70 T	Styrene	50.000	53.995	-8.0	62	0.00
71 P	Bromoform	50.000	54.578	-9.2	63	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	65	0.00
73 T	Isopropylbenzene	50.000	46.535	6.9	59	0.00
74 T	N-ethyl acetate	50.000	49.782	0.4	59	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.144	1.7	62	0.00
76 T	1,2,3-Trichloropropane	50.000	50.132	-0.3	62	0.00
77 T	Bromobenzene	50.000	49.232	1.5	63	0.00
78 T	n-propylbenzene	50.000	47.952	4.1	60	0.00
79 T	2-Chlorotoluene	50.000	47.118	5.8	59	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.408	3.2	61	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.860	6.3	58	0.00
82 T	4-Chlorotoluene	50.000	47.845	4.3	61	0.00
83 T	tert-Butylbenzene	50.000	47.225	5.5	60	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.760	2.5	62	0.00
85 T	sec-Butylbenzene	50.000	47.795	4.4	60	0.00
86 T	p-Isopropyltoluene	50.000	48.162	3.7	60	0.00
87 T	1,3-Dichlorobenzene	50.000	48.793	2.4	64	0.00
88 T	1,4-Dichlorobenzene	50.000	47.900	4.2	63	0.00
89 T	n-Butylbenzene	50.000	47.483	5.0	59	0.00
90 T	Hexachloroethane	50.000	48.069	3.9	64	0.00
91 T	1,2-Dichlorobenzene	50.000	48.273	3.5	63	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.580	6.8	60	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.154	3.7	62	0.00
94 T	Hexachlorobutadiene	50.000	47.700	4.6	64	0.00
95 T	Naphthalene	50.000	50.888	-1.8	62	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.179	1.6	64	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5