

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009281.D
 Acq On : 22 Jun 2022 18:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleID :
 VSTDCCC050

Quant Time: Jun 23 01:58:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	47.677	4.6	97	0.00
3 P	Chloromethane	50.000	53.452	-6.9	101	0.00
4 C	Vinyl Chloride	50.000	54.445	-8.9#	101	0.00
5 T	Bromomethane	50.000	56.328	-12.7	108	0.00
6 T	Chloroethane	50.000	58.256	-16.5	111	0.00
7 T	Trichlorofluoromethane	50.000	57.964	-15.9	113	0.00
8 T	Diethyl Ether	50.000	57.260	-14.5	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.931	-3.9	98	0.00
10 T	Methyl Iodide	50.000	54.689	-9.4	94	0.00
11 T	Tert butyl alcohol	250.000	322.636	-29.1#	125	0.00
12 CM	1,1-Dichloroethene	50.000	50.960	-1.9#	97	0.00
13 T	Acrolein	250.000	262.462	-5.0	94	0.00
14 T	Allyl chloride	50.000	55.963	-11.9	102	0.00
15 T	Acrylonitrile	250.000	204.153	18.3	74	0.00
16 T	Acetone	250.000	270.036	-8.0	110	0.00
17 T	Carbon Disulfide	50.000	44.385	11.2	82	0.00
18 T	Methyl Acetate	50.000	62.274	-24.5	112	0.00
19 T	Methyl tert-butyl Ether	50.000	45.221	9.6	80	0.00
20 T	Methylene Chloride	50.000	55.810	-11.6	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	40.070	19.9	71	0.00
22 T	Diisopropyl ether	50.000	38.398	23.2	66	0.00
23 T	Vinyl Acetate	250.000	209.516	16.2	69	0.00
24 P	1,1-Dichloroethane	50.000	38.561	22.9	68	0.00
25 T	2-Butanone	250.000	189.706	24.1	70	0.00
26 T	2,2-Dichloropropane	50.000	39.388	21.2	73	0.00
27 T	cis-1,2-Dichloroethene	50.000	42.186	15.6	73	0.00
28 T	Bromochloromethane	50.000	40.333	19.3	70	0.00
29 T	Tetrahydrofuran	250.000	194.721	22.1	69	0.00
30 C	Chloroform	50.000	43.207	13.6#	76	0.00
31 T	Cyclohexane	50.000	32.348	35.3#	59	0.00
32 T	1,1,1-Trichloroethane	50.000	44.973	10.1	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.216	13.6	80	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	51.732	-3.5	82	0.00
36 T	1,1-Dichloropropene	50.000	42.188	15.6	68	0.00
37 T	Ethyl Acetate	50.000	43.843	12.3	74	0.00
38 T	Carbon Tetrachloride	50.000	50.715	-1.4	82	0.00
39 T	Methylcyclohexane	50.000	41.826	16.3	67	0.00
40 TM	Benzene	50.000	42.872	14.3	68	0.00
41 T	Methacrylonitrile	50.000	46.341	7.3	70	0.02
42 TM	1,2-Dichloroethane	50.000	48.360	3.3	79	0.00
43 T	Isopropyl Acetate	50.000	45.193	9.6	75	0.00
44 TM	Trichloroethene	50.000	50.106	-0.2	80	0.00
45 C	1,2-Dichloropropane	50.000	41.687	16.6#	65	0.00
46 T	Dibromomethane	50.000	48.070	3.9	78	0.00
47 T	Bromodichloromethane	50.000	47.685	4.6	76	0.00
48 T	Methyl methacrylate	50.000	44.469	11.1	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	940.806	5.9	80	0.00
50 S	Toluene-d8	50.000	45.643	8.7	75	0.00
51 T	4-Methyl-2-Pentanone	250.000	233.230	6.7	78	0.00
52 CM	Toluene	50.000	45.325	9.3#	72	0.00
53 T	t-1,3-Dichloropropene	50.000	47.663	4.7	75	0.00
54 T	cis-1,3-Dichloropropene	50.000	43.674	12.7	68	0.00
55 T	1,1,2-Trichloroethane	50.000	48.399	3.2	76	0.00
56 T	Ethyl methacrylate	50.000	48.020	4.0	75	0.00
57 T	1,3-Dichloropropane	50.000	46.291	7.4	75	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	221.776	11.3	70	0.00
59 T	2-Hexanone	250.000	236.143	5.5	78	0.00
60 T	Dibromochloromethane	50.000	52.956	-5.9	84	0.00
61 T	1,2-Dibromoethane	50.000	48.948	2.1	80	0.00
62 S	4-Bromofluorobenzene	50.000	50.063	-0.1	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64 T	Tetrachloroethene	50.000	52.263	-4.5	85	0.00
65 PM	Chlorobenzene	50.000	47.408	5.2	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.167	-2.3	84	0.00
67 C	Ethyl Benzene	50.000	45.007	10.0#	73	0.00
68 T	m/p-Xylenes	100.000	95.142	4.9	78	0.00
69 T	o-Xylene	50.000	48.600	2.8	78	0.00
70 T	Styrene	50.000	48.932	2.1	79	0.00
71 P	Bromoform	50.000	56.340	-12.7	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	43.031	13.9	77	0.00
74 T	N-amyl acetate	50.000	42.917	14.2	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.737	12.5	81	0.00
76 T	1,2,3-Trichloropropane	50.000	42.361	15.3	80	0.00
77 T	Bromobenzene	50.000	48.044	3.9	88	0.00
78 T	n-propylbenzene	50.000	41.714	16.6	75	0.00
79 T	2-Chlorotoluene	50.000	42.387	15.2	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.366	11.3	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.512	15.0	77	0.00
82 T	4-Chlorotoluene	50.000	42.261	15.5	77	0.00
83 T	tert-Butylbenzene	50.000	45.697	8.6	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.650	8.7	82	0.00
85 T	sec-Butylbenzene	50.000	43.679	12.6	79	0.00
86 T	p-Isopropyltoluene	50.000	45.228	9.5	82	0.00
87 T	1,3-Dichlorobenzene	50.000	46.619	6.8	87	0.00
88 T	1,4-Dichlorobenzene	50.000	46.649	6.7	87	0.00
89 T	n-Butylbenzene	50.000	43.073	13.9	78	0.00
90 T	Hexachloroethane	50.000	45.462	9.1	81	0.00
91 T	1,2-Dichlorobenzene	50.000	47.950	4.1	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.651	4.7	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.016	-2.0	90	0.00
94 T	Hexachlorobutadiene	50.000	53.694	-7.4	95	0.00
95 T	Naphthalene	50.000	53.626	-7.3	92	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	52.931	-5.9	95	0.00

(#) = Out of Range

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