

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011961.D
 Acq On : 21 Dec 2022 20:51
 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: Dec 22 00:15:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 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	85	0.00
2 T	Dichlorodifluoromethane	50.000	42.960	14.1	65	0.00
3 P	Chloromethane	50.000	43.220	13.6	69	0.00
4 C	Vinyl Chloride	50.000	41.917	16.2#	66	0.00
5 T	Bromomethane	50.000	43.927	12.1	73	0.00
6 T	Chloroethane	50.000	43.068	13.9	69	0.00
7 T	Trichlorofluoromethane	50.000	43.196	13.6	70	0.00
8 T	Diethyl Ether	50.000	47.767	4.5	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.962	14.1	70	0.00
10 T	Methyl Iodide	50.000	44.798	10.4	68	0.00
11 T	Tert butyl alcohol	250.000	240.579	3.8	82	0.00
12 CM	1,1-Dichloroethene	50.000	43.464	13.1#	70	0.00
13 T	Acrolein	250.000	236.004	5.6	87	0.00
14 T	Allyl chloride	50.000	44.637	10.7	72	0.00
15 T	Acrylonitrile	250.000	255.109	-2.0	81	0.00
16 T	Acetone	250.000	187.129	25.1#	58	0.00
17 T	Carbon Disulfide	50.000	42.893	14.2	69	0.00
18 T	Methyl Acetate	50.000	48.763	2.5	81	0.00
19 T	Methyl tert-butyl Ether	50.000	50.221	-0.4	79	0.00
20 T	Methylene Chloride	50.000	48.058	3.9	78	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.472	9.1	73	0.00
22 T	Diisopropyl ether	50.000	48.777	2.4	77	0.00
23 T	Vinyl Acetate	250.000	253.741	-1.5	78	0.00
24 P	1,1-Dichloroethane	50.000	45.643	8.7	75	0.00
25 T	2-Butanone	250.000	234.790	6.1	71	0.00
26 T	2,2-Dichloropropane	50.000	41.708	16.6	69	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.809	6.4	76	0.00
28 T	Bromochloromethane	50.000	52.638	-5.3	92	0.00
29 T	Tetrahydrofuran	250.000	263.399	-5.4	81	0.00
30 C	Chloroform	50.000	46.765	6.5#	77	0.00
31 T	Cyclohexane	50.000	41.049	17.9	68	0.00
32 T	1,1,1-Trichloroethane	50.000	44.537	10.9	74	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.053	-8.1	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	52.831	-5.7	89	0.00
36 T	1,1-Dichloropropene	50.000	43.287	13.4	71	0.00
37 T	Ethyl Acetate	50.000	49.631	0.7	82	0.00
38 T	Carbon Tetrachloride	50.000	43.444	13.1	72	0.00
39 T	Methylcyclohexane	50.000	43.223	13.6	69	0.00
40 TM	Benzene	50.000	45.232	9.5	75	0.00
41 T	Methacrylonitrile	50.000	53.386	-6.8	82	0.00
42 TM	1,2-Dichloroethane	50.000	47.408	5.2	79	0.00
43 T	Isopropyl Acetate	50.000	50.096	-0.2	81	0.00
44 TM	Trichloroethene	50.000	44.565	10.9	75	0.00
45 C	1,2-Dichloropropane	50.000	46.018	8.0#	77	0.00
46 T	Dibromomethane	50.000	48.052	3.9	79	0.00
47 T	Bromodichloromethane	50.000	47.027	5.9	77	0.00
48 T	Methyl methacrylate	50.000	50.635	-1.3	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1116.065	-11.6	86	0.00
50 S	Toluene-d8	50.000	52.646	-5.3	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	263.077	-5.2	83	0.00
52 CM	Toluene	50.000	46.222	7.6#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	47.738	4.5	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.387	5.2	77	0.00
55 T	1,1,2-Trichloroethane	50.000	47.838	4.3	81	0.00
56 T	Ethyl methacrylate	50.000	51.691	-3.4	81	0.00
57 T	1,3-Dichloropropane	50.000	48.747	2.5	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	272.690	-9.1	94	0.00
59 T	2-Hexanone	250.000	253.326	-1.3	76	0.00
60 T	Dibromochloromethane	50.000	49.016	2.0	79	0.00
61 T	1,2-Dibromoethane	50.000	49.082	1.8	80	0.00
62 S	4-Bromofluorobenzene	50.000	53.383	-6.8	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	44.495	11.0	76	0.00
65 PM	Chlorobenzene	50.000	44.622	10.8	77	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.521	9.0	78	0.00
67 C	Ethyl Benzene	50.000	44.038	11.9#	74	0.00
68 T	m/p-Xylenes	100.000	89.650	10.3	76	0.00
69 T	o-Xylene	50.000	45.634	8.7	77	0.00
70 T	Styrene	50.000	46.263	7.5	77	0.00
71 P	Bromoform	50.000	48.520	3.0	83	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	43.256	13.5	75	0.00
74 T	N-amyl acetate	50.000	48.561	2.9	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.071	5.9	84	0.00
76 T	1,2,3-Trichloropropane	50.000	38.135	23.7	67	0.00
77 T	Bromobenzene	50.000	44.695	10.6	79	0.00
78 T	n-propylbenzene	50.000	42.916	14.2	74	0.00
79 T	2-Chlorotoluene	50.000	43.788	12.4	77	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.082	11.8	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.347	7.3	80	0.00
82 T	4-Chlorotoluene	50.000	43.897	12.2	76	0.00
83 T	tert-Butylbenzene	50.000	43.844	12.3	75	0.00
84 T	1,2,4-Trimethylbenzene	50.000	44.237	11.5	76	0.00
85 T	sec-Butylbenzene	50.000	43.147	13.7	75	0.00
86 T	p-Isopropyltoluene	50.000	43.995	12.0	75	0.00
87 T	1,3-Dichlorobenzene	50.000	43.900	12.2	78	0.00
88 T	1,4-Dichlorobenzene	50.000	43.589	12.8	78	0.00
89 T	n-Butylbenzene	50.000	43.120	13.8	74	0.00
90 T	Hexachloroethane	50.000	43.501	13.0	77	0.00
91 T	1,2-Dichlorobenzene	50.000	44.904	10.2	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.711	2.6	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.566	6.9	78	0.00
94 T	Hexachlorobutadiene	50.000	44.006	12.0	78	0.00
95 T	Naphthalene	50.000	45.756	8.5	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.322	3.4	81	0.00

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