

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
 Data File : VY008569.D
 Acq On : 29 Apr 2022 19:05
 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: Apr 30 00:41:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 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	125	0.00
2 T	Dichlorodifluoromethane	50.000	39.684	20.6	99	0.00
3 P	Chloromethane	50.000	44.429	11.1	105	0.00
4 C	Vinyl Chloride	50.000	46.173	7.7#	108	0.00
5 T	Bromomethane	50.000	42.099	15.8	108	0.00
6 T	Chloroethane	50.000	46.450	7.1	111	0.00
7 T	Trichlorofluoromethane	50.000	40.931	18.1	102	0.00
8 T	Diethyl Ether	50.000	36.952	26.1#	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	41.789	16.4	106	0.00
10 T	Methyl Iodide	50.000	39.677	20.6	96	0.00
11 T	Tert butyl alcohol	250.000	174.932	30.0#	87	0.00
12 CM	1,1-Dichloroethene	50.000	40.109	19.8#	98	0.00
13 T	Acrolein	250.000	86.338	65.5#	42	0.00
14 T	Allyl chloride	50.000	42.191	15.6	102	0.00
15 T	Acrylonitrile	250.000	185.881	25.6#	87	0.00
16 T	Acetone	250.000	156.137	37.5#	70	0.00
17 T	Carbon Disulfide	50.000	38.319	23.4	91	0.00
18 T	Methyl Acetate	50.000	35.232	29.5#	87	0.00
19 T	Methyl tert-butyl Ether	50.000	38.628	22.7	90	0.00
20 T	Methylene Chloride	50.000	41.321	17.4	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	41.281	17.4	99	0.00
22 T	Diisopropyl ether	50.000	41.462	17.1	98	0.00
23 T	Vinyl Acetate	250.000	202.090	19.2	92	0.00
24 P	1,1-Dichloroethane	50.000	42.762	14.5	102	0.00
25 T	2-Butanone	250.000	182.987	26.8#	84	0.00
26 T	2,2-Dichloropropane	50.000	42.531	14.9	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	42.229	15.5	100	0.00
28 T	Bromochloromethane	50.000	44.274	11.5	100	0.00
29 T	Tetrahydrofuran	250.000	187.477	25.0#	88	0.00
30 C	Chloroform	50.000	42.559	14.9#	101	0.00
31 T	Cyclohexane	50.000	40.278	19.4	104	0.00
32 T	1,1,1-Trichloroethane	50.000	44.281	11.4	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	41.632	16.7	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	118	0.00
35 S	Dibromofluoromethane	50.000	46.264	7.5	95	0.00
36 T	1,1-Dichloropropene	50.000	43.705	12.6	102	0.00
37 T	Ethyl Acetate	50.000	39.272	21.5	92	0.00
38 T	Carbon Tetrachloride	50.000	45.352	9.3	105	0.00
39 T	Methylcyclohexane	50.000	45.500	9.0	106	0.00
40 TM	Benzene	50.000	44.372	11.3	101	0.00
41 T	Methacrylonitrile	50.000	40.053	19.9	105	0.00
42 TM	1,2-Dichloroethane	50.000	41.990	16.0	94	0.00
43 T	Isopropyl Acetate	50.000	40.890	18.2	91	0.00
44 TM	Trichloroethene	50.000	45.246	9.5	106	0.00
45 C	1,2-Dichloropropane	50.000	44.862	10.3#	100	0.00
46 T	Dibromomethane	50.000	40.854	18.3	90	0.00
47 T	Bromodichloromethane	50.000	44.494	11.0	99	0.00
48 T	Methyl methacrylate	50.000	41.476	17.0	91	0.00

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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)
49 T	1,4-Dioxane	1000.000	808.573	19.1	89	0.00
50 S	Toluene-d8	50.000	44.990	10.0	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	206.578	17.4	92	0.00
52 CM	Toluene	50.000	45.653	8.7#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	43.273	13.5	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	42.948	14.1	96	0.00
55 T	1,1,2-Trichloroethane	50.000	42.439	15.1	94	0.00
56 T	Ethyl methacrylate	50.000	43.196	13.6	93	0.00
57 T	1,3-Dichloropropane	50.000	42.385	15.2	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	205.666	17.7	88	0.00
59 T	2-Hexanone	250.000	208.001	16.8	90	0.00
60 T	Dibromochloromethane	50.000	43.823	12.4	95	0.00
61 T	1,2-Dibromoethane	50.000	41.530	16.9	92	0.00
62 S	4-Bromofluorobenzene	50.000	58.859	-17.7	125	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64 T	Tetrachloroethene	50.000	47.037	5.9	110	0.00
65 PM	Chlorobenzene	50.000	46.030	7.9	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.723	6.6	103	0.00
67 C	Ethyl Benzene	50.000	47.765	4.5#	107	0.00
68 T	m/p-Xylenes	100.000	96.277	3.7	108	0.00
69 T	o-Xylene	50.000	47.487	5.0	106	0.00
70 T	Styrene	50.000	48.002	4.0	103	0.00
71 P	Bromoform	50.000	43.573	12.9	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	164	0.00
73 T	Isopropylbenzene	50.000	34.209	31.6#	113	0.00
74 T	N-amyl acetate	50.000	31.039	37.9#	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	35.285	29.4#	109	0.00
76 T	1,2,3-Trichloropropane	50.000	40.488	19.0	129	0.00
77 T	Bromobenzene	50.000	46.158	7.7	148	0.00
78 T	n-propylbenzene	50.000	40.894	18.2	133	0.00
79 T	2-Chlorotoluene	50.000	41.361	17.3	134	0.00
80 T	1,3,5-Trimethylbenzene	50.000	42.756	14.5	141	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	30.058	39.9#	91	0.00
82 T	4-Chlorotoluene	50.000	39.720	20.6	127	0.00
83 T	tert-Butylbenzene	50.000	47.652	4.7	157	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.223	9.6	148	0.00
85 T	sec-Butylbenzene	50.000	45.560	8.9	149	0.00
86 T	p-Isopropyltoluene	50.000	46.972	6.1	155	0.00
87 T	1,3-Dichlorobenzene	50.000	45.972	8.1	151	0.00
88 T	1,4-Dichlorobenzene	50.000	45.621	8.8	151	0.00
89 T	n-Butylbenzene	50.000	42.392	15.2	136	0.00
90 T	Hexachloroethane	50.000	36.686	26.6#	117	0.00
91 T	1,2-Dichlorobenzene	50.000	44.226	11.5	145	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	28.672	42.7#	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	32.210	35.6#	104	0.00
94 T	Hexachlorobutadiene	50.000	35.361	29.3#	118	0.00
95 T	Naphthalene	50.000	30.693	38.6#	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	32.090	35.8#	102	0.00

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