

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005440.D
 Acq On : 26 Jul 2021 13:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 27 03:08:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 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	120	0.00
2 T	Dichlorodifluoromethane	50.000	43.186	13.6	121	0.00
3 P	Chloromethane	50.000	46.808	6.4	126	0.00
4 C	Vinyl Chloride	50.000	46.120	7.8#	124	0.00
5 T	Bromomethane	50.000	42.851	14.3	102	0.00
6 T	Chloroethane	50.000	47.215	5.6	114	0.00
7 T	Trichlorofluoromethane	50.000	47.182	5.6	116	0.00
8 T	Diethyl Ether	50.000	45.792	8.4	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.164	1.7	124	0.00
10 T	Methyl Iodide	50.000	52.162	-4.3	129	0.00
11 T	Tert butyl alcohol	250.000	206.880	17.2	115	-0.05
12 CM	1,1-Dichloroethene	50.000	49.671	0.7#	123	0.00
13 T	Acrolein	250.000	256.634	-2.7	153	0.00
14 T	Allyl chloride	50.000	48.618	2.8	119	0.00
15 T	Acrylonitrile	250.000	221.462	11.4	110	-0.01
16 T	Acetone	250.000	256.266	-2.5	144	-0.02
17 T	Carbon Disulfide	50.000	48.443	3.1	122	0.00
18 T	Methyl Acetate	50.000	42.731	14.5	109	0.00
19 T	Methyl tert-butyl Ether	50.000	46.180	7.6	108	0.00
20 T	Methylene Chloride	50.000	43.705	12.6	109	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.900	2.2	118	0.00
22 T	Diisopropyl ether	50.000	50.389	-0.8	115	0.00
23 T	Vinyl Acetate	250.000	243.777	2.5	109	0.00
24 P	1,1-Dichloroethane	50.000	51.896	-3.8	120	0.00
25 T	2-Butanone	250.000	239.161	4.3	117	0.00
26 T	2,2-Dichloropropane	50.000	51.706	-3.4	122	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.475	-3.0	117	0.00
28 T	Bromochloromethane	50.000	49.922	0.2	119	0.00
29 T	Tetrahydrofuran	250.000	230.159	7.9	107	0.00
30 C	Chloroform	50.000	45.555	8.9#	101	0.00
31 T	Cyclohexane	50.000	44.148	11.7	108	0.00
32 T	1,1,1-Trichloroethane	50.000	46.384	7.2	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.553	4.9	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	117	0.00
35 S	Dibromofluoromethane	50.000	50.144	-0.3	107	0.00
36 T	1,1-Dichloropropene	50.000	46.841	6.3	106	0.00
37 T	Ethyl Acetate	50.000	44.623	10.8	100	0.00
38 T	Carbon Tetrachloride	50.000	45.945	8.1	103	0.00
39 T	Methylcyclohexane	50.000	46.591	6.8	107	0.00
40 TM	Benzene	50.000	45.643	8.7	101	0.00
41 T	Methacrylonitrile	50.000	50.364	-0.7	107	0.00
42 TM	1,2-Dichloroethane	50.000	43.354	13.3	95	0.00
43 T	Isopropyl Acetate	50.000	41.667	16.7	91	0.00
44 TM	Trichloroethene	50.000	46.156	7.7	103	0.00
45 C	1,2-Dichloropropane	50.000	45.412	9.2#	101	0.00
46 T	Dibromomethane	50.000	43.852	12.3	96	0.00
47 T	Bromodichloromethane	50.000	45.621	8.8	99	0.00
48 T	Methyl methacrylate	50.000	42.145	15.7	93	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	826.902	17.3	94	-0.03
50 S	Toluene-d8	50.000	50.568	-1.1	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	203.618	18.6	90	0.00
52 CM	Toluene	50.000	45.992	8.0#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	44.520	11.0	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.123	9.8	99	0.00
55 T	1,1,2-Trichloroethane	50.000	43.465	13.1	95	0.00
56 T	Ethyl methacrylate	50.000	43.349	13.3	93	0.00
57 T	1,3-Dichloropropane	50.000	44.000	12.0	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	244.516	2.2	105	0.00
59 T	2-Hexanone	250.000	206.838	17.3	92	0.00
60 T	Dibromochloromethane	50.000	44.430	11.1	95	0.00
61 T	1,2-Dibromoethane	50.000	43.428	13.1	94	0.00
62 S	4-Bromofluorobenzene	50.000	48.991	2.0	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	115	0.00
64 T	Tetrachloroethene	50.000	45.202	9.6	101	0.00
65 PM	Chlorobenzene	50.000	45.817	8.4	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.273	9.5	98	0.00
67 C	Ethyl Benzene	50.000	46.278	7.4#	101	0.00
68 T	m/p-Xylenes	100.000	92.663	7.3	102	0.00
69 T	o-Xylene	50.000	46.245	7.5	101	0.00
70 T	Styrene	50.000	45.973	8.1	98	0.00
71 P	Bromoform	50.000	43.676	12.6	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	115	0.00
73 T	Isopropylbenzene	50.000	47.664	4.7	102	0.00
74 T	N-amyl acetate	50.000	42.824	14.4	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.462	13.1	93	0.00
76 T	1,2,3-Trichloropropane	50.000	45.276	9.4	99	0.00
77 T	Bromobenzene	50.000	46.300	7.4	98	0.00
78 T	n-propylbenzene	50.000	47.508	5.0	103	0.00
79 T	2-Chlorotoluene	50.000	46.746	6.5	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.392	5.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.590	14.8	93	0.00
82 T	4-Chlorotoluene	50.000	47.106	5.8	102	0.00
83 T	tert-Butylbenzene	50.000	47.444	5.1	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.851	6.3	101	0.00
85 T	sec-Butylbenzene	50.000	48.083	3.8	104	0.00
86 T	p-Isopropyltoluene	50.000	48.019	4.0	105	0.00
87 T	1,3-Dichlorobenzene	50.000	46.865	6.3	100	0.00
88 T	1,4-Dichlorobenzene	50.000	46.135	7.7	101	0.00
89 T	n-Butylbenzene	50.000	48.401	3.2	107	0.00
90 T	Hexachloroethane	50.000	47.762	4.5	103	0.00
91 T	1,2-Dichlorobenzene	50.000	45.423	9.2	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.914	20.2	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.219	7.6	102	0.00
94 T	Hexachlorobutadiene	50.000	47.177	5.6	106	0.00
95 T	Naphthalene	50.000	43.316	13.4	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.088	9.8	99	0.00

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