

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
 Data File : VD069841.D
 Acq On : 26 Jul 2021 11:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 27 05:08:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	41.678	16.6	97	0.00
3 P	Chloromethane	50.000	40.313	19.4	95	0.00
4 C	Vinyl Chloride	50.000	42.290	15.4#	95	0.00
5 T	Bromomethane	50.000	44.780	10.4	97	0.00
6 T	Chloroethane	50.000	42.525	15.0	95	0.00
7 T	Trichlorofluoromethane	50.000	43.389	13.2	98	0.00
8 T	Diethyl Ether	50.000	46.847	6.3	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.455	13.1	99	0.00
10 T	Methyl Iodide	50.000	43.274	13.5	93	0.00
11 T	Tert butyl alcohol	250.000	234.619	6.2	112	0.00
12 CM	1,1-Dichloroethene	50.000	45.309	9.4#	98	0.00
13 T	Acrolein	250.000	294.280	-17.7	132	0.00
14 T	Allyl chloride	50.000	47.148	5.7	100	0.00
15 T	Acrylonitrile	250.000	237.524	5.0	105	0.00
16 T	Acetone	250.000	292.293	-16.9	122	0.00
17 T	Carbon Disulfide	50.000	42.662	14.7	94	0.00
18 T	Methyl Acetate	50.000	43.426	13.1	104	-0.01
19 T	Methyl tert-butyl Ether	50.000	48.763	2.5	103	0.00
20 T	Methylene Chloride	50.000	44.485	11.0	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.508	11.0	95	0.00
22 T	Diisopropyl ether	50.000	47.889	4.2	98	-0.01
23 T	Vinyl Acetate	250.000	224.000	10.4	101	0.00
24 P	1,1-Dichloroethane	50.000	43.336	13.3	95	0.00
25 T	2-Butanone	250.000	252.178	-0.9	108	-0.01
26 T	2,2-Dichloropropane	50.000	47.482	5.0	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.947	10.1	97	0.00
28 T	Bromochloromethane	50.000	49.875	0.3	106	0.00
29 T	Tetrahydrofuran	250.000	251.962	-0.8	105	0.00
30 C	Chloroform	50.000	42.816	14.4#	96	0.00
31 T	Cyclohexane	50.000	45.095	9.8	101	0.00
32 T	1,1,1-Trichloroethane	50.000	44.220	11.6	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.661	4.7	112	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	49.689	0.6	108	0.00
36 T	1,1-Dichloropropene	50.000	45.579	8.8	97	0.00
37 T	Ethyl Acetate	50.000	48.873	2.3	105	0.00
38 T	Carbon Tetrachloride	50.000	46.656	6.7	100	0.00
39 T	Methylcyclohexane	50.000	47.922	4.2	97	0.00
40 TM	Benzene	50.000	44.667	10.7	96	0.00
41 T	Methacrylonitrile	50.000	42.168	15.7	94	0.00
42 TM	1,2-Dichloroethane	50.000	44.119	11.8	96	0.00
43 T	Isopropyl Acetate	50.000	48.989	2.0	106	0.00
44 TM	Trichloroethene	50.000	44.641	10.7	98	0.00
45 C	1,2-Dichloropropane	50.000	44.738	10.5#	98	0.00
46 T	Dibromomethane	50.000	41.806	16.4	92	0.00
47 T	Bromodichloromethane	50.000	44.500	11.0	96	0.00
48 T	Methyl methacrylate	50.000	42.744	14.5	95	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	923.521	7.6	101	0.00
50 S	Toluene-d8	50.000	50.342	-0.7	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.666	-2.3	106	0.00
52 CM	Toluene	50.000	46.668	6.7#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	48.461	3.1	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.509	5.0	104	0.00
55 T	1,1,2-Trichloroethane	50.000	44.617	10.8	99	0.00
56 T	Ethyl methacrylate	50.000	45.360	9.3	105	0.00
57 T	1,3-Dichloropropane	50.000	46.558	6.9	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.914	-2.0	114	0.00
59 T	2-Hexanone	250.000	273.971	-9.6	110	0.00
60 T	Dibromochloromethane	50.000	45.428	9.1	99	0.00
61 T	1,2-Dibromoethane	50.000	46.457	7.1	101	0.00
62 S	4-Bromofluorobenzene	50.000	51.270	-2.5	112	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	44.466	11.1	94	0.00
65 PM	Chlorobenzene	50.000	45.736	8.5	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.412	9.2	96	0.00
67 C	Ethyl Benzene	50.000	48.415	3.2#	97	0.00
68 T	m/p-Xylenes	100.000	97.232	2.8	97	0.00
69 T	o-Xylene	50.000	48.427	3.1	98	0.00
70 T	Styrene	50.000	49.544	0.9	98	0.00
71 P	Bromoform	50.000	46.847	6.3	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	49.782	0.4	98	0.00
74 T	N-ethyl acetate	50.000	51.764	-3.5	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.947	6.1	102	0.00
76 T	1,2,3-Trichloropropane	50.000	43.880	12.2	103	0.00
77 T	Bromobenzene	50.000	46.716	6.6	98	0.00
78 T	n-propylbenzene	50.000	49.789	0.4	98	0.00
79 T	2-Chlorotoluene	50.000	47.755	4.5	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.590	0.8	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.729	-7.5	109	0.00
82 T	4-Chlorotoluene	50.000	48.084	3.8	97	0.00
83 T	tert-Butylbenzene	50.000	49.423	1.2	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.593	0.8	98	0.00
85 T	sec-Butylbenzene	50.000	50.322	-0.6	100	0.00
86 T	p-Isopropyltoluene	50.000	50.006	-0.0	98	0.00
87 T	1,3-Dichlorobenzene	50.000	45.597	8.8	97	0.00
88 T	1,4-Dichlorobenzene	50.000	45.236	9.5	98	0.00
89 T	n-Butylbenzene	50.000	50.344	-0.7	100	0.00
90 T	Hexachloroethane	50.000	46.655	6.7	101	0.00
91 T	1,2-Dichlorobenzene	50.000	46.311	7.4	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.729	6.5	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.461	1.1	103	0.00
94 T	Hexachlorobutadiene	50.000	46.979	6.0	98	0.00
95 T	Naphthalene	50.000	45.305	9.4	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.549	-1.1	104	0.00

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