

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071516.D
 Acq On : 28 Dec 2021 21:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 28 21:28:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	52.683	-5.4	114	0.00
3 P	Chloromethane	50.000	55.722	-11.4	120	0.00
4 C	Vinyl Chloride	50.000	47.501	5.0#	104	0.00
5 T	Bromomethane	50.000	44.464	11.1	102	0.02
6 T	Chloroethane	50.000	46.941	6.1	102	0.01
7 T	Trichlorofluoromethane	50.000	55.967	-11.9	120	0.01
8 T	Diethyl Ether	50.000	57.190	-14.4	121	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.368	-8.7	119	0.01
10 T	Methyl Iodide	50.000	48.930	2.1	92	0.00
11 T	Tert butyl alcohol	250.000	181.613	27.4#	87	0.01
12 CM	1,1-Dichloroethene	50.000	52.960	-5.9#	114	0.01
13 T	Acrolein	250.000	196.637	21.3	82	0.01
14 T	Allyl chloride	50.000	57.213	-14.4	121	0.01
15 T	Acrylonitrile	250.000	272.010	-8.8	111	0.00
16 T	Acetone	250.000	263.456	-5.4	102	0.00
17 T	Carbon Disulfide	50.000	44.553	10.9	98	0.00
18 T	Methyl Acetate	50.000	53.372	-6.7	117	0.00
19 T	Methyl tert-butyl Ether	50.000	56.125	-12.3	116	0.00
20 T	Methylene Chloride	50.000	62.632	-25.3#	125	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.778	-3.6	112	0.00
22 T	Diisopropyl ether	50.000	57.835	-15.7	120	0.00
23 T	Vinyl Acetate	250.000	275.730	-10.3	109	0.00
24 P	1,1-Dichloroethane	50.000	55.384	-10.8	119	0.00
25 T	2-Butanone	250.000	251.433	-0.6	101	0.00
26 T	2,2-Dichloropropane	50.000	55.235	-10.5	116	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.293	-8.6	114	0.00
28 T	Bromochloromethane	50.000	51.628	-3.3	103	0.00
29 T	Tetrahydrofuran	250.000	255.113	-2.0	104	0.00
30 C	Chloroform	50.000	55.499	-11.0#	118	0.00
31 T	Cyclohexane	50.000	45.357	9.3	103	0.00
32 T	1,1,1-Trichloroethane	50.000	54.815	-9.6	116	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.149	-8.3	109	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	56.304	-12.6	112	0.00
36 T	1,1-Dichloropropene	50.000	51.628	-3.3	111	0.00
37 T	Ethyl Acetate	50.000	52.160	-4.3	104	0.00
38 T	Carbon Tetrachloride	50.000	53.104	-6.2	111	0.00
39 T	Methylcyclohexane	50.000	48.420	3.2	104	0.00
40 TM	Benzene	50.000	52.916	-5.8	113	0.00
41 T	Methacrylonitrile	50.000	58.384	-16.8	107	0.00
42 TM	1,2-Dichloroethane	50.000	55.163	-10.3	116	0.00
43 T	Isopropyl Acetate	50.000	51.391	-2.8	106	0.00
44 TM	Trichloroethene	50.000	51.949	-3.9	112	0.00
45 C	1,2-Dichloropropane	50.000	52.901	-5.8#	113	0.00
46 T	Dibromomethane	50.000	51.441	-2.9	106	0.00
47 T	Bromodichloromethane	50.000	54.606	-9.2	114	0.00
48 T	Methyl methacrylate	50.000	52.087	-4.2	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	879.872	12.0	93	0.00
50 S	Toluene-d8	50.000	52.416	-4.8	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	246.932	1.2	101	0.00
52 CM	Toluene	50.000	52.406	-4.8#	112	0.00
53 T	t-1,3-Dichloropropene	50.000	50.983	-2.0	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.356	-4.7	110	0.00
55 T	1,1,2-Trichloroethane	50.000	53.411	-6.8	112	0.00
56 T	Ethyl methacrylate	50.000	53.123	-6.2	105	0.00
57 T	1,3-Dichloropropane	50.000	51.936	-3.9	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.935	-4.0	107	0.00
59 T	2-Hexanone	250.000	248.862	0.5	98	0.00
60 T	Dibromochloromethane	50.000	53.961	-7.9	111	0.00
61 T	1,2-Dibromoethane	50.000	52.698	-5.4	110	0.00
62 S	4-Bromofluorobenzene	50.000	54.408	-8.8	110	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	50.810	-1.6	110	0.00
65 PM	Chlorobenzene	50.000	53.885	-7.8	111	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.789	-11.6	113	0.00
67 C	Ethyl Benzene	50.000	54.545	-9.1#	112	0.00
68 T	m/p-Xylenes	100.000	107.614	-7.6	109	0.00
69 T	o-Xylene	50.000	56.545	-13.1	114	0.00
70 T	Styrene	50.000	55.669	-11.3	112	0.00
71 P	Bromoform	50.000	52.896	-5.8	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	52.589	-5.2	114	0.00
74 T	N-ethyl acetate	50.000	49.568	0.9	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.168	1.7	104	0.00
76 T	1,2,3-Trichloropropane	50.000	49.762	0.5	107	0.00
77 T	Bromobenzene	50.000	50.480	-1.0	110	0.00
78 T	n-propylbenzene	50.000	51.404	-2.8	110	0.00
79 T	2-Chlorotoluene	50.000	52.216	-4.4	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.108	-8.2	114	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.632	12.7	93	0.00
82 T	4-Chlorotoluene	50.000	52.788	-5.6	113	0.00
83 T	tert-Butylbenzene	50.000	53.350	-6.7	112	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.465	-8.9	116	0.00
85 T	sec-Butylbenzene	50.000	53.500	-7.0	114	0.00
86 T	p-Isopropyltoluene	50.000	53.693	-7.4	114	0.00
87 T	1,3-Dichlorobenzene	50.000	50.943	-1.9	111	0.00
88 T	1,4-Dichlorobenzene	50.000	51.210	-2.4	112	0.00
89 T	n-Butylbenzene	50.000	53.333	-6.7	114	0.00
90 T	Hexachloroethane	50.000	51.086	-2.2	109	0.00
91 T	1,2-Dichlorobenzene	50.000	51.407	-2.8	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.044	3.9	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.440	-6.9	113	0.00
94 T	Hexachlorobutadiene	50.000	52.988	-6.0	113	0.00
95 T	Naphthalene	50.000	53.082	-6.2	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.015	-6.0	113	0.00

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