

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070138.D
 Acq On : 18 Aug 2021 20:11
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 19 07:34:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 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	78	0.00
2 T	Dichlorodifluoromethane	50.000	37.641	24.7	62	0.00
3 P	Chloromethane	50.000	44.055	11.9	69	0.00
4 C	Vinyl Chloride	50.000	38.882	22.2#	67	0.00
5 T	Bromomethane	50.000	49.046	1.9	77	0.00
6 T	Chloroethane	50.000	43.097	13.8	73	0.00
7 T	Trichlorofluoromethane	50.000	39.580	20.8	67	0.00
8 T	Diethyl Ether	50.000	49.878	0.2	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	40.927	18.1	69	0.00
10 T	Methyl Iodide	50.000	46.696	6.6	68	0.00
11 T	Tert butyl alcohol	250.000	237.481	5.0	81	0.00
12 CM	1,1-Dichloroethene	50.000	43.122	13.8#	70	0.00
13 T	Acrolein	250.000	243.802	2.5	77	0.00
14 T	Allyl chloride	50.000	45.596	8.8	70	0.00
15 T	Acrylonitrile	250.000	250.655	-0.3	77	0.00
16 T	Acetone	250.000	215.604	13.8	69	0.00
17 T	Carbon Disulfide	50.000	41.697	16.6	68	0.00
18 T	Methyl Acetate	50.000	54.467	-8.9	85	0.00
19 T	Methyl tert-butyl Ether	50.000	50.102	-0.2	74	0.00
20 T	Methylene Chloride	50.000	51.749	-3.5	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.590	8.8	72	0.00
22 T	Diisopropyl ether	50.000	51.615	-3.2	76	0.00
23 T	Vinyl Acetate	250.000	256.349	-2.5	73	0.00
24 P	1,1-Dichloroethane	50.000	47.424	5.2	76	0.00
25 T	2-Butanone	250.000	251.667	-0.7	76	0.00
26 T	2,2-Dichloropropane	50.000	42.781	14.4	68	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.516	1.0	77	0.00
28 T	Bromochloromethane	50.000	55.364	-10.7	94	0.00
29 T	Tetrahydrofuran	250.000	260.493	-4.2	77	0.00
30 C	Chloroform	50.000	49.175	1.7#	79	0.00
31 T	Cyclohexane	50.000	40.122	19.8	65	0.00
32 T	1,1,1-Trichloroethane	50.000	45.567	8.9	73	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.279	-8.6	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	53.142	-6.3	87	0.00
36 T	1,1-Dichloropropene	50.000	43.381	13.2	71	0.00
37 T	Ethyl Acetate	50.000	49.278	1.4	75	0.00
38 T	Carbon Tetrachloride	50.000	43.768	12.5	72	0.00
39 T	Methylcyclohexane	50.000	38.289	23.4	61	0.00
40 TM	Benzene	50.000	46.535	6.9	76	0.00
41 T	Methacrylonitrile	50.000	47.812	4.4	80	0.00
42 TM	1,2-Dichloroethane	50.000	47.814	4.4	79	0.00
43 T	Isopropyl Acetate	50.000	48.219	3.6	77	0.00
44 TM	Trichloroethene	50.000	44.857	10.3	75	0.00
45 C	1,2-Dichloropropane	50.000	47.248	5.5#	77	0.00
46 T	Dibromomethane	50.000	48.504	3.0	80	0.00
47 T	Bromodichloromethane	50.000	48.738	2.5	80	0.00
48 T	Methyl methacrylate	50.000	45.252	9.5	69	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	963.182	3.7	74	0.00
50 S	Toluene-d8	50.000	52.102	-4.2	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	254.178	-1.7	78	0.00
52 CM	Toluene	50.000	47.926	4.1#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	48.160	3.7	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.974	6.1	77	0.00
55 T	1,1,2-Trichloroethane	50.000	48.699	2.6	79	0.00
56 T	Ethyl methacrylate	50.000	51.518	-3.0	78	0.00
57 T	1,3-Dichloropropane	50.000	49.416	1.2	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	284.830	-13.9	82	0.00
59 T	2-Hexanone	250.000	252.227	-0.9	76	0.00
60 T	Dibromochloromethane	50.000	49.666	0.7	82	0.00
61 T	1,2-Dibromoethane	50.000	49.631	0.7	79	0.00
62 S	4-Bromofluorobenzene	50.000	52.798	-5.6	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	42.895	14.2	74	0.00
65 PM	Chlorobenzene	50.000	45.820	8.4	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.372	7.3	79	0.00
67 C	Ethyl Benzene	50.000	46.512	7.0#	75	0.00
68 T	m/p-Xylenes	100.000	93.783	6.2	76	0.00
69 T	o-Xylene	50.000	48.017	4.0	77	0.00
70 T	Styrene	50.000	49.169	1.7	77	0.00
71 P	Bromoform	50.000	48.110	3.8	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	44.603	10.8	74	0.00
74 T	N-ethyl acetate	50.000	44.849	10.3	73	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.806	6.4	82	0.00
76 T	1,2,3-Trichloropropane	50.000	43.378	13.2	79	0.00
77 T	Bromobenzene	50.000	46.509	7.0	79	0.00
78 T	n-propylbenzene	50.000	45.064	9.9	73	0.00
79 T	2-Chlorotoluene	50.000	45.385	9.2	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.676	8.6	75	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.787	8.4	73	0.00
82 T	4-Chlorotoluene	50.000	44.862	10.3	75	0.00
83 T	tert-Butylbenzene	50.000	44.744	10.5	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.208	7.6	75	0.00
85 T	sec-Butylbenzene	50.000	43.736	12.5	72	0.00
86 T	p-Isopropyltoluene	50.000	44.512	11.0	72	0.00
87 T	1,3-Dichlorobenzene	50.000	44.486	11.0	77	0.00
88 T	1,4-Dichlorobenzene	50.000	44.359	11.3	77	0.00
89 T	n-Butylbenzene	50.000	42.451	15.1	69	0.00
90 T	Hexachloroethane	50.000	43.899	12.2	77	0.00
91 T	1,2-Dichlorobenzene	50.000	45.677	8.6	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.722	14.6	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.689	10.6	75	0.00
94 T	Hexachlorobutadiene	50.000	41.442	17.1	71	0.00
95 T	Naphthalene	50.000	47.755	4.5	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.607	6.8	78	0.00

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