

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073271.D
 Acq On : 22 May 2022 12:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 23 01:16:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 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	53	0.00
2 T	Dichlorodifluoromethane	50.000	24.853	50.3#	30	0.00
3 P	Chloromethane	50.000	38.122	23.8	46	0.00
4 C	Vinyl Chloride	50.000	29.528	40.9#	33	0.00
5 T	Bromomethane	50.000	51.552	-3.1	53	-0.02
6 T	Chloroethane	50.000	42.333	15.3	47	0.00
7 T	Trichlorofluoromethane	50.000	32.976	34.0#	37	-0.01
8 T	Diethyl Ether	50.000	82.729	-65.5#	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	35.409	29.2#	40	0.00
10 T	Methyl Iodide	50.000	42.699	14.6	45	0.00
11 T	Tert butyl alcohol	250.000	208.207	16.7	84	0.02
12 CM	1,1-Dichloroethene	50.000	37.352	25.3#	41	0.00
13 T	Acrolein	250.000	385.156	-54.1#	82	0.00
14 T	Allyl chloride	50.000	51.090	-2.2	56	-0.01
15 T	Acrylonitrile	250.000	481.531	-92.6#	104	0.00
16 T	Acetone	250.000	437.509	-75.0#	106	0.00
17 T	Carbon Disulfide	50.000	36.092	27.8#	41	0.00
18 T	Methyl Acetate	50.000	103.819	-107.6#	118	0.00
19 T	Methyl tert-butyl Ether	50.000	88.280	-76.6#	94	0.00
20 T	Methylene Chloride	50.000	72.348	-44.7#	77	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.666	-1.3	55	0.00
22 T	Diisopropyl ether	50.000	77.616	-55.2#	81	0.00
23 T	Vinyl Acetate	250.000	417.214	-66.9#	88	0.00
24 P	1,1-Dichloroethane	50.000	57.721	-15.4	64	0.00
25 T	2-Butanone	250.000	486.122	-94.4#	109	0.00
26 T	2,2-Dichloropropane	50.000	34.118	31.8#	38	0.00
27 T	cis-1,2-Dichloroethene	50.000	62.125	-24.3	67	0.00
28 T	Bromochloromethane	50.000	79.834	-59.7#	86	0.00
29 T	Tetrahydrofuran	250.000	500.291	-100.1#	108	0.00
30 C	Chloroform	50.000	65.332	-30.7#	73	0.00
31 T	Cyclohexane	50.000	29.884	40.2#	34	0.00
32 T	1,1,1-Trichloroethane	50.000	47.955	4.1	53	0.00
33 S	1,2-Dichloroethane-d4	50.000	82.072	-64.1#	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	65	0.00
35 S	Dibromofluoromethane	50.000	60.805	-21.6	79	0.00
36 T	1,1-Dichloropropene	50.000	35.886	28.2#	48	0.00
37 T	Ethyl Acetate	50.000	76.091	-52.2#	103	0.00
38 T	Carbon Tetrachloride	50.000	35.575	28.8#	46	0.00
39 T	Methylcyclohexane	50.000	26.231	47.5#	33	0.00
40 TM	Benzene	50.000	48.770	2.5	65	0.00
41 T	Methacrylonitrile	50.000	69.366	-38.7#	106	-0.01
42 TM	1,2-Dichloroethane	50.000	66.010	-32.0#	88	0.00
43 T	Isopropyl Acetate	50.000	77.593	-55.2#	101	0.00
44 TM	Trichloroethene	50.000	44.009	12.0	58	0.00
45 C	1,2-Dichloropropane	50.000	58.166	-16.3#	77	0.00
46 T	Dibromomethane	50.000	67.915	-35.8#	91	0.00
47 T	Bromodichloromethane	50.000	62.060	-24.1	83	0.00
48 T	Methyl methacrylate	50.000	79.436	-58.9#	104	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	1757.676	-75.8#	117	0.00
50 S	Toluene-d8	50.000	54.203	-8.4	69	0.00
51 T	4-Methyl-2-Pentanone	250.000	425.016	-70.0#	110	0.00
52 CM	Toluene	50.000	50.694	-1.4#	65	0.00
53 T	t-1,3-Dichloropropene	50.000	61.534	-23.1	82	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.693	-15.4	76	0.00
55 T	1,1,2-Trichloroethane	50.000	70.733	-41.5#	94	0.00
56 T	Ethyl methacrylate	50.000	82.232	-64.5#	100	0.00
57 T	1,3-Dichloropropane	50.000	71.984	-44.0#	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	359.496	-43.8#	103	0.00
59 T	2-Hexanone	250.000	441.993	-76.8#	113	0.00
60 T	Dibromochloromethane	50.000	71.187	-42.4#	95	0.00
61 T	1,2-Dibromoethane	50.000	72.410	-44.8#	97	0.00
62 S	4-Bromofluorobenzene	50.000	64.024	-28.0#	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	37.088	25.8#	59	0.00
65 PM	Chlorobenzene	50.000	46.927	6.1	74	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.952	-7.9	84	0.00
67 C	Ethyl Benzene	50.000	42.419	15.2#	64	0.00
68 T	m/p-Xylenes	100.000	87.055	12.9	65	0.00
69 T	o-Xylene	50.000	47.596	4.8	71	0.00
70 T	Styrene	50.000	52.659	-5.3	78	0.00
71 P	Bromoform	50.000	66.633	-33.3#	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	36.829	26.3#	61	0.00
74 T	N-amyl acetate	50.000	54.987	-10.0	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	60.689	-21.4	107	0.00
76 T	1,2,3-Trichloropropane	50.000	56.366	-12.7	99	0.00
77 T	Bromobenzene	50.000	47.753	4.5	83	0.00
78 T	n-propylbenzene	50.000	36.914	26.2#	61	0.00
79 T	2-Chlorotoluene	50.000	42.219	15.6	72	0.00
80 T	1,3,5-Trimethylbenzene	50.000	40.906	18.2	68	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.050	1.9	83	0.00
82 T	4-Chlorotoluene	50.000	43.278	13.4	73	0.00
83 T	tert-Butylbenzene	50.000	36.713	26.6#	61	0.00
84 T	1,2,4-Trimethylbenzene	50.000	43.315	13.4	73	0.00
85 T	sec-Butylbenzene	50.000	34.612	30.8#	58	0.00
86 T	p-Isopropyltoluene	50.000	35.476	29.0#	59	0.00
87 T	1,3-Dichlorobenzene	50.000	45.939	8.1	80	0.00
88 T	1,4-Dichlorobenzene	50.000	46.079	7.8	82	0.00
89 T	n-Butylbenzene	50.000	33.832	32.3#	56	0.00
90 T	Hexachloroethane	50.000	40.285	19.4	71	0.00
91 T	1,2-Dichlorobenzene	50.000	50.653	-1.3	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	62.768	-25.5#	113	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.543	0.9	83	0.00
94 T	Hexachlorobutadiene	50.000	32.846	34.3#	59	0.00
95 T	Naphthalene	50.000	55.709	-11.4	104	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.623	-5.2	89	0.00

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