

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076823.D
 Acq On : 26 Jul 2023 23:25
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 27 04:29:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 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	163	0.00
2 T	Dichlorodifluoromethane	50.000	44.622	10.8	145	0.00
3 P	Chloromethane	50.000	38.888	22.2	124	0.00
4 C	Vinyl Chloride	50.000	40.334	19.3#	130	0.00
5 T	Bromomethane	50.000	37.307	25.4#	127	0.00
6 T	Chloroethane	50.000	40.923	18.2	132	0.00
7 T	Trichlorofluoromethane	50.000	50.528	-1.1	170	0.00
8 T	Diethyl Ether	50.000	50.972	-1.9	151	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.644	-1.3	167	0.00
10 T	Methyl Iodide	50.000	58.108	-16.2	176	0.00
11 T	Tert butyl alcohol	250.000	265.026	-6.0	170	0.01
12 CM	1,1-Dichloroethene	50.000	49.386	1.2#	161	0.00
13 T	Acrolein	250.000	170.126	31.9#	122	0.00
14 T	Allyl chloride	50.000	44.322	11.4	139	0.00
15 T	Acrylonitrile	250.000	235.828	5.7	146	0.00
16 T	Acetone	250.000	219.007	12.4	137	0.00
17 T	Carbon Disulfide	50.000	42.684	14.6	133	0.00
18 T	Methyl Acetate	50.000	70.205	-40.4#	219	0.00
19 T	Methyl tert-butyl Ether	50.000	52.417	-4.8	161	0.00
20 T	Methylene Chloride	50.000	52.188	-4.4	162	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.897	2.2	152	0.00
22 T	Diisopropyl ether	50.000	46.103	7.8	142	0.00
23 T	Vinyl Acetate	250.000	159.337	36.3#	97	0.00
24 P	1,1-Dichloroethane	50.000	47.972	4.1	150	0.00
25 T	2-Butanone	250.000	234.034	6.4	142	0.00
26 T	2,2-Dichloropropane	50.000	44.330	11.3	144	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.280	-2.6	162	0.00
28 T	Bromochloromethane	50.000	36.544	26.9#	125	0.00
29 T	Tetrahydrofuran	250.000	242.591	3.0	153	0.00
30 C	Chloroform	50.000	50.875	-1.8#	166	0.00
31 T	Cyclohexane	50.000	41.839	16.3	147	0.00
32 T	1,1,1-Trichloroethane	50.000	52.143	-4.3	166	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.945	14.1	149	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	159	0.00
35 S	Dibromofluoromethane	50.000	48.617	2.8	167	0.00
36 T	1,1-Dichloropropene	50.000	48.265	3.5	153	0.00
37 T	Ethyl Acetate	50.000	44.715	10.6	131	0.00
38 T	Carbon Tetrachloride	50.000	51.651	-3.3	164	0.00
39 T	Methylcyclohexane	50.000	48.259	3.5	152	0.00
40 TM	Benzene	50.000	65.932	-31.9#	210	0.00
41 T	Methacrylonitrile	50.000	41.062	17.9	130	0.00
42 TM	1,2-Dichloroethane	50.000	49.704	0.6	154	0.00
43 T	Isopropyl Acetate	50.000	48.336	3.3	148	0.00
44 TM	Trichloroethene	50.000	53.784	-7.6	168	0.00
45 C	1,2-Dichloropropane	50.000	48.869	2.3#	144	0.00
46 T	Dibromomethane	50.000	52.135	-4.3	154	0.00
47 T	Bromodichloromethane	50.000	50.236	-0.5	151	0.00
48 T	Methyl methacrylate	50.000	48.425	3.2	142	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	1089.839	-9.0	172	0.00
50 S	Toluene-d8	50.000	43.388	13.2	147	0.00
51 T	4-Methyl-2-Pentanone	250.000	242.544	3.0	142	0.00
52 CM	Toluene	50.000	68.311	-36.6#	209	0.00
53 T	t-1,3-Dichloropropene	50.000	49.423	1.2	146	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.197	3.6	144	0.00
55 T	1,1,2-Trichloroethane	50.000	49.488	1.0	148	0.00
56 T	Ethyl methacrylate	50.000	50.921	-1.8	146	0.00
57 T	1,3-Dichloropropane	50.000	55.066	-10.1	168	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	219.268	12.3	138	0.00
59 T	2-Hexanone	250.000	240.798	3.7	140	0.00
60 T	Dibromochloromethane	50.000	52.975	-6.0	158	0.00
61 T	1,2-Dibromoethane	50.000	52.873	-5.7	155	0.00
62 S	4-Bromofluorobenzene	50.000	45.535	8.9	150	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	142	0.00
64 T	Tetrachloroethene	50.000	85.298	-70.6#	248	0.00
65 PM	Chlorobenzene	50.000	53.938	-7.9	155	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.612	-9.2	158	0.00
67 C	Ethyl Benzene	50.000	69.198	-38.4#	198	0.00
68 T	m/p-Xylenes	100.000	116.420	-16.4	166	0.00
69 T	o-Xylene	50.000	57.423	-14.8	162	0.00
70 T	Styrene	50.000	58.514	-17.0	164	0.00
71 P	Bromoform	50.000	57.502	-15.0	159	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	140	0.00
73 T	Isopropylbenzene	50.000	54.730	-9.5	154	0.00
74 T	N-ethyl acetate	50.000	48.487	3.0	136	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.328	-2.7	142	0.00
76 T	1,2,3-Trichloropropane	50.000	55.596	-11.2	151	0.00
77 T	Bromobenzene	50.000	221.378	-342.8#	612	0.00
78 T	n-propylbenzene	50.000	52.707	-5.4	148	0.00
79 T	2-Chlorotoluene	50.000	53.948	-7.9	150	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.260	-10.5	153	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.134	3.7	128	0.00
82 T	4-Chlorotoluene	50.000	53.502	-7.0	148	0.00
83 T	tert-Butylbenzene	50.000	56.143	-12.3	154	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.231	-12.5	155	0.00
85 T	sec-Butylbenzene	50.000	54.315	-8.6	152	0.00
86 T	p-Isopropyltoluene	50.000	54.441	-8.9	151	0.00
87 T	1,3-Dichlorobenzene	50.000	53.809	-7.6	149	0.00
88 T	1,4-Dichlorobenzene	50.000	54.330	-8.7	153	0.00
89 T	n-Butylbenzene	50.000	50.804	-1.6	143	0.00
90 T	Hexachloroethane	50.000	54.384	-8.8	149	0.00
91 T	1,2-Dichlorobenzene	50.000	54.455	-8.9	151	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	104.685	-109.4#	307	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.810	-11.6	156	0.00
94 T	Hexachlorobutadiene	50.000	54.726	-9.5	155	0.00
95 T	Naphthalene	50.000	414.862	-729.7#	1129	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.284	-14.6	161	0.00

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