

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073846.D
 Acq On : 12 Jul 2022 19:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 13 04:32:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 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	7	0.00
2 T	Dichlorodifluoromethane	50.000	29.536	40.9#	4	0.00
3 P	Chloromethane	50.000	59.025	-18.0	8	0.00
4 C	Vinyl Chloride	50.000	46.318	7.4#	6	0.00
5 T	Bromomethane	50.000	78.651	-57.3#	9	0.02
6 T	Chloroethane	50.000	49.294	1.4	7	0.00
7 T	Trichlorofluoromethane	50.000	32.346	35.3#	5	0.00
8 T	Diethyl Ether	50.000	87.838	-75.7#	13	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	29.599	40.8#	4	0.00
10 T	Methyl Iodide	50.000	37.229	25.5#	6	0.00
11 T	Tert butyl alcohol	250.000	348.864	-39.5#	16	0.04
12 CM	1,1-Dichloroethene	50.000	47.773	4.5#	7	0.00
13 T	Acrolein	250.000	773.670	-209.5#	20	0.00
14 T	Allyl chloride	50.000	55.166	-10.3	8	0.00
15 T	Acrylonitrile	250.000	1075.925	-330.4#	30	0.00
16 T	Acetone	250.000	1134.185	-353.7#	30	0.00
17 T	Carbon Disulfide	50.000	36.087	27.8#	5	0.01
18 T	Methyl Acetate	50.000	228.566	-357.1#	30	0.00
19 T	Methyl tert-butyl Ether	50.000	109.997	-120.0#	15	0.00
20 T	Methylene Chloride	50.000	102.654	-105.3#	12	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.386	9.2	6	0.01
22 T	Diisopropyl ether	50.000	77.848	-55.7#	10	0.00
23 T	Vinyl Acetate	250.000	659.508	-163.8#	17	0.00
24 P	1,1-Dichloroethane	50.000	62.715	-25.4#	9	0.00
25 T	2-Butanone	250.000	1162.805	-365.1#	31	0.00
26 T	2,2-Dichloropropane	50.000	39.690	20.6	6	0.00
27 T	cis-1,2-Dichloroethene	50.000	66.130	-32.3#	9	0.00
28 T	Bromochloromethane	50.000	85.110	-70.2#	12	0.00
29 T	Tetrahydrofuran	250.000	1208.457	-383.4#	34	0.00
30 C	Chloroform	50.000	66.149	-32.3#	9	0.00
31 T	Cyclohexane	50.000	34.756	30.5#	5	0.01
32 T	1,1,1-Trichloroethane	50.000	46.248	7.5	6	0.00
33 S	1,2-Dichloroethane-d4	50.000	96.946	-93.9#	15	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	7	0.00
35 S	Dibromofluoromethane	50.000	61.883	-23.8	10	0.00
36 T	1,1-Dichloropropene	50.000	31.808	36.4#	5	0.00
37 T	Ethyl Acetate	50.000	190.855	-281.7#	32	0.00
38 T	Carbon Tetrachloride	50.000	35.069	29.9#	5	0.01
39 T	Methylcyclohexane	50.000	28.315	43.4#	5	0.00
40 TM	Benzene	50.000	46.940	6.1	8	0.00
41 T	Methacrylonitrile	50.000	156.310	-212.6#	22	0.00
42 TM	1,2-Dichloroethane	50.000	86.765	-73.5#	14	0.00
43 T	Isopropyl Acetate	50.000	142.487	-185.0#	22	0.00
44 TM	Trichloroethene	50.000	45.019	10.0	7	0.00
45 C	1,2-Dichloropropane	50.000	61.751	-23.5#	10	0.00
46 T	Dibromomethane	50.000	104.643	-109.3#	16	0.00
47 T	Bromodichloromethane	50.000	67.427	-34.9#	10	0.00
48 T	Methyl methacrylate	50.000	154.388	-208.8#	24	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	4525.872	-352.6#	33	0.00
50 S	Toluene-d8	50.000	43.437	13.1	8	0.00
51 T	4-Methyl-2-Pentanone	250.000	920.041	-268.0#	28	0.00
52 CM	Toluene	50.000	43.868	12.3#	7	0.00
53 T	t-1,3-Dichloropropene	50.000	76.518	-53.0#	12	0.00
54 T	cis-1,3-Dichloropropene	50.000	69.977	-40.0#	11	0.00
55 T	1,1,2-Trichloroethane	50.000	97.931	-95.9#	16	0.00
56 T	Ethyl methacrylate	50.000	118.274	-136.5#	18	0.00
57 T	1,3-Dichloropropane	50.000	92.204	-84.4#	14	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	527.589	-111.0#	18	0.00
59 T	2-Hexanone	250.000	941.175	-276.5#	28	0.00
60 T	Dibromochloromethane	50.000	88.015	-76.0#	13	0.00
61 T	1,2-Dibromoethane	50.000	109.077	-118.2#	17	0.00
62 S	4-Bromofluorobenzene	50.000	80.751	-61.5#	12	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	9	0.00
64 T	Tetrachloroethene	50.000	32.337	35.3#	6	0.00
65 PM	Chlorobenzene	50.000	48.805	2.4	9	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.024	-10.0	10	0.00
67 C	Ethyl Benzene	50.000	38.578	22.8#	7	0.00
68 T	m/p-Xylenes	100.000	76.821	23.2	7	0.00
69 T	o-Xylene	50.000	43.970	12.1	8	0.00
70 T	Styrene	50.000	47.831	4.3	9	0.00
71 P	Bromoform	50.000	95.292	-90.6#	17	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	11	0.00
73 T	Isopropylbenzene	50.000	31.917	36.2#	7	0.00
74 T	N-amyl acetate	50.000	99.747	-99.5#	21	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	102.819	-105.6#	22	0.00
76 T	1,2,3-Trichloropropane	50.000	95.470	-90.9#	20	0.00
77 T	Bromobenzene	50.000	44.908	10.2	10	0.00
78 T	n-propylbenzene	50.000	31.254	37.5#	7	0.00
79 T	2-Chlorotoluene	50.000	36.793	26.4#	8	0.00
80 T	1,3,5-Trimethylbenzene	50.000	36.480	27.0#	8	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	86.318	-72.6#	17	0.00
82 T	4-Chlorotoluene	50.000	42.011	16.0	9	0.00
83 T	tert-Butylbenzene	50.000	32.883	34.2#	7	0.00
84 T	1,2,4-Trimethylbenzene	50.000	37.433	25.1#	8	0.00
85 T	sec-Butylbenzene	50.000	30.605	38.8#	6	0.00
86 T	p-Isopropyltoluene	50.000	31.582	36.8#	7	0.00
87 T	1,3-Dichlorobenzene	50.000	41.124	17.8	9	0.00
88 T	1,4-Dichlorobenzene	50.000	44.013	12.0	10	0.00
89 T	n-Butylbenzene	50.000	34.209	31.6#	7	0.00
90 T	Hexachloroethane	50.000	34.469	31.1#	7	0.00
91 T	1,2-Dichlorobenzene	50.000	49.502	1.0	10	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	140.165	-180.3#	31	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.822	-9.6	11	0.00
94 T	Hexachlorobutadiene	50.000	33.634	32.7#	7	0.00
95 T	Naphthalene	50.000	100.086	-100.2#	21	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	63.670	-27.3#	13	0.00

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