

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073699.D
 Acq On : 24 Jun 2022 20:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 25 07:25:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 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	85	0.00
2 T	Dichlorodifluoromethane	50.000	41.759	16.5	74	0.00
3 P	Chloromethane	50.000	45.798	8.4	82	0.00
4 C	Vinyl Chloride	50.000	41.073	17.9#	76	0.00
5 T	Bromomethane	50.000	46.374	7.3	80	0.00
6 T	Chloroethane	50.000	43.949	12.1	81	0.00
7 T	Trichlorofluoromethane	50.000	42.458	15.1	78	0.00
8 T	Diethyl Ether	50.000	58.377	-16.8	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.971	12.1	83	0.00
10 T	Methyl Iodide	50.000	44.380	11.2	77	0.00
11 T	Tert butyl alcohol	250.000	166.063	33.6#	75	0.02
12 CM	1,1-Dichloroethene	50.000	45.628	8.7#	81	0.00
13 T	Acrolein	250.000	282.997	-13.2	93	0.00
14 T	Allyl chloride	50.000	49.551	0.9	89	0.00
15 T	Acrylonitrile	250.000	309.490	-23.8	113	0.00
16 T	Acetone	250.000	295.758	-18.3	101	0.00
17 T	Carbon Disulfide	50.000	43.597	12.8	79	0.00
18 T	Methyl Acetate	50.000	60.341	-20.7	114	0.00
19 T	Methyl tert-butyl Ether	50.000	60.829	-21.7	107	0.00
20 T	Methylene Chloride	50.000	57.398	-14.8	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.100	1.8	88	0.00
22 T	Diisopropyl ether	50.000	60.391	-20.8	104	0.00
23 T	Vinyl Acetate	250.000	325.712	-30.3#	108	0.00
24 P	1,1-Dichloroethane	50.000	52.153	-4.3	94	0.00
25 T	2-Butanone	250.000	308.143	-23.3	115	0.00
26 T	2,2-Dichloropropane	50.000	46.110	7.8	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.252	-8.5	95	0.00
28 T	Bromochloromethane	50.000	63.851	-27.7#	113	0.00
29 T	Tetrahydrofuran	250.000	333.841	-33.5#	121	0.00
30 C	Chloroform	50.000	53.860	-7.7#	96	0.00
31 T	Cyclohexane	50.000	42.344	15.3	79	0.00
32 T	1,1,1-Trichloroethane	50.000	49.241	1.5	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.301	-10.6	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	51.592	-3.2	102	0.00
36 T	1,1-Dichloropropene	50.000	45.515	9.0	85	0.00
37 T	Ethyl Acetate	50.000	63.297	-26.6#	117	0.00
38 T	Carbon Tetrachloride	50.000	44.970	10.1	85	0.00
39 T	Methylcyclohexane	50.000	42.238	15.5	78	0.00
40 TM	Benzene	50.000	50.616	-1.2	94	0.00
41 T	Methacrylonitrile	50.000	63.914	-27.8#	114	0.00
42 TM	1,2-Dichloroethane	50.000	54.557	-9.1	103	0.00
43 T	Isopropyl Acetate	50.000	62.468	-24.9	115	0.00
44 TM	Trichloroethene	50.000	47.866	4.3	90	0.00
45 C	1,2-Dichloropropane	50.000	55.331	-10.7#	101	0.00
46 T	Dibromomethane	50.000	55.299	-10.6	107	0.00
47 T	Bromodichloromethane	50.000	54.947	-9.9	103	0.00
48 T	Methyl methacrylate	50.000	59.854	-19.7	109	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	1310.046	-31.0#	117	0.00
50 S	Toluene-d8	50.000	48.346	3.3	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	324.814	-29.9#	118	0.00
52 CM	Toluene	50.000	51.095	-2.2#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	55.403	-10.8	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.800	-7.6	99	0.00
55 T	1,1,2-Trichloroethane	50.000	57.949	-15.9	106	0.00
56 T	Ethyl methacrylate	50.000	61.251	-22.5	112	0.00
57 T	1,3-Dichloropropane	50.000	58.266	-16.5	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	299.892	-20.0	111	0.00
59 T	2-Hexanone	250.000	335.849	-34.3#	121	0.00
60 T	Dibromochloromethane	50.000	56.493	-13.0	103	0.00
61 T	1,2-Dibromoethane	50.000	58.001	-16.0	107	0.00
62 S	4-Bromofluorobenzene	50.000	53.440	-6.9	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	43.051	13.9	87	0.00
65 PM	Chlorobenzene	50.000	48.888	2.2	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.892	-1.8	101	0.00
67 C	Ethyl Benzene	50.000	48.093	3.8#	94	0.00
68 T	m/p-Xylenes	100.000	96.299	3.7	93	0.00
69 T	o-Xylene	50.000	49.625	0.8	95	0.00
70 T	Styrene	50.000	51.790	-3.6	99	0.00
71 P	Bromoform	50.000	54.863	-9.7	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	43.894	12.2	91	0.00
74 T	N-amyl acetate	50.000	54.905	-9.8	116	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.083	-6.2	118	0.00
76 T	1,2,3-Trichloropropane	50.000	57.967	-15.9	133	0.00
77 T	Bromobenzene	50.000	47.878	4.2	103	0.00
78 T	n-propylbenzene	50.000	44.441	11.1	93	0.00
79 T	2-Chlorotoluene	50.000	46.410	7.2	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.365	9.3	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.624	-3.2	112	0.00
82 T	4-Chlorotoluene	50.000	46.071	7.9	98	0.00
83 T	tert-Butylbenzene	50.000	44.596	10.8	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.651	6.7	97	0.00
85 T	sec-Butylbenzene	50.000	43.381	13.2	92	0.00
86 T	p-Isopropyltoluene	50.000	43.960	12.1	93	0.00
87 T	1,3-Dichlorobenzene	50.000	45.641	8.7	100	0.00
88 T	1,4-Dichlorobenzene	50.000	46.243	7.5	101	0.00
89 T	n-Butylbenzene	50.000	42.922	14.2	90	0.00
90 T	Hexachloroethane	50.000	43.242	13.5	94	0.00
91 T	1,2-Dichlorobenzene	50.000	48.228	3.5	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.430	-0.9	119	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.692	4.6	103	0.00
94 T	Hexachlorobutadiene	50.000	42.470	15.1	94	0.00
95 T	Naphthalene	50.000	54.359	-8.7	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.829	0.3	107	0.00

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