

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073772.D
 Acq On : 01 Jul 2022 19:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 05 05:10:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 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	67	0.00
2 T	Dichlorodifluoromethane	50.000	41.531	16.9	69	0.00
3 P	Chloromethane	50.000	52.234	-4.5	85	0.00
4 C	Vinyl Chloride	50.000	52.651	-5.3#	83	0.00
5 T	Bromomethane	50.000	63.277	-26.6#	89	0.00
6 T	Chloroethane	50.000	56.122	-12.2	87	0.00
7 T	Trichlorofluoromethane	50.000	49.456	1.1	74	0.00
8 T	Diethyl Ether	50.000	52.568	-5.1	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.312	7.4	70	0.00
10 T	Methyl Iodide	50.000	44.125	11.8	65	0.00
11 T	Tert butyl alcohol	250.000	219.083	12.4	103	0.00
12 CM	1,1-Dichloroethene	50.000	44.407	11.2#	69	0.00
13 T	Acrolein	250.000	121.695	51.3#	60	0.00
14 T	Allyl chloride	50.000	49.638	0.7	73	0.00
15 T	Acrylonitrile	250.000	300.080	-20.0	87	0.00
16 T	Acetone	250.000	281.277	-12.5	83	0.00
17 T	Carbon Disulfide	50.000	42.956	14.1	70	0.00
18 T	Methyl Acetate	50.000	55.692	-11.4	88	0.00
19 T	Methyl tert-butyl Ether	50.000	56.786	-13.6	83	0.00
20 T	Methylene Chloride	50.000	53.091	-6.2	74	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.146	5.7	73	0.00
22 T	Diisopropyl ether	50.000	55.908	-11.8	81	0.00
23 T	Vinyl Acetate	250.000	313.322	-25.3#	82	0.00
24 P	1,1-Dichloroethane	50.000	51.806	-3.6	77	0.00
25 T	2-Butanone	250.000	294.681	-17.9	86	0.00
26 T	2,2-Dichloropropane	50.000	46.783	6.4	68	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.339	-2.7	75	0.00
28 T	Bromochloromethane	50.000	55.984	-12.0	73	0.00
29 T	Tetrahydrofuran	250.000	304.691	-21.9	89	0.00
30 C	Chloroform	50.000	55.281	-10.6#	81	0.00
31 T	Cyclohexane	50.000	46.786	6.4	68	0.00
32 T	1,1,1-Trichloroethane	50.000	51.163	-2.3	75	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.382	-6.8	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	73	0.00
35 S	Dibromofluoromethane	50.000	47.829	4.3	77	0.00
36 T	1,1-Dichloropropene	50.000	44.223	11.6	71	0.00
37 T	Ethyl Acetate	50.000	58.731	-17.5	88	0.00
38 T	Carbon Tetrachloride	50.000	46.624	6.8	74	0.00
39 T	Methylcyclohexane	50.000	40.977	18.0	68	0.00
40 TM	Benzene	50.000	47.416	5.2	76	0.00
41 T	Methacrylonitrile	50.000	52.411	-4.8	80	0.00
42 TM	1,2-Dichloroethane	50.000	54.396	-8.8	85	0.00
43 T	Isopropyl Acetate	50.000	54.784	-9.6	85	0.00
44 TM	Trichloroethene	50.000	45.620	8.8	72	0.00
45 C	1,2-Dichloropropane	50.000	50.563	-1.1#	80	0.00
46 T	Dibromomethane	50.000	53.483	-7.0	83	0.00
47 T	Bromodichloromethane	50.000	53.660	-7.3	83	0.00
48 T	Methyl methacrylate	50.000	52.499	-5.0	79	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	1166.208	-16.6	91	0.00
50 S	Toluene-d8	50.000	42.680	14.6	74	0.00
51 T	4-Methyl-2-Pentanone	250.000	287.148	-14.9	88	0.00
52 CM	Toluene	50.000	48.189	3.6#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	50.455	-0.9	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.321	3.4	76	0.00
55 T	1,1,2-Trichloroethane	50.000	53.696	-7.4	83	0.00
56 T	Ethyl methacrylate	50.000	55.194	-10.4	85	0.00
57 T	1,3-Dichloropropane	50.000	53.500	-7.0	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	242.896	2.8	76	0.00
59 T	2-Hexanone	250.000	289.432	-15.8	89	0.00
60 T	Dibromochloromethane	50.000	53.575	-7.2	83	0.00
61 T	1,2-Dibromoethane	50.000	51.627	-3.3	79	0.00
62 S	4-Bromofluorobenzene	50.000	47.904	4.2	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64 T	Tetrachloroethene	50.000	41.842	16.3	73	0.00
65 PM	Chlorobenzene	50.000	48.624	2.8	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.472	1.1	77	0.00
67 C	Ethyl Benzene	50.000	46.777	6.4#	76	0.00
68 T	m/p-Xylenes	100.000	93.195	6.8	77	0.00
69 T	o-Xylene	50.000	47.370	5.3	76	0.00
70 T	Styrene	50.000	48.894	2.2	79	0.00
71 P	Bromoform	50.000	53.185	-6.4	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73 T	Isopropylbenzene	50.000	46.710	6.6	75	0.00
74 T	N-amyl acetate	50.000	54.541	-9.1	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.264	-6.5	84	0.00
76 T	1,2,3-Trichloropropane	50.000	57.075	-14.2	88	0.00
77 T	Bromobenzene	50.000	49.721	0.6	80	0.00
78 T	n-propylbenzene	50.000	46.320	7.4	75	0.00
79 T	2-Chlorotoluene	50.000	48.059	3.9	78	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.647	4.7	78	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.042	1.9	75	0.00
82 T	4-Chlorotoluene	50.000	48.404	3.2	79	0.00
83 T	tert-Butylbenzene	50.000	47.029	5.9	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.428	5.1	77	0.00
85 T	sec-Butylbenzene	50.000	46.113	7.8	75	0.00
86 T	p-Isopropyltoluene	50.000	46.403	7.2	75	0.00
87 T	1,3-Dichlorobenzene	50.000	48.950	2.1	78	0.00
88 T	1,4-Dichlorobenzene	50.000	49.350	1.3	80	0.00
89 T	n-Butylbenzene	50.000	45.588	8.8	74	0.00
90 T	Hexachloroethane	50.000	47.780	4.4	80	0.00
91 T	1,2-Dichlorobenzene	50.000	51.306	-2.6	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.056	-6.1	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.074	3.9	77	0.00
94 T	Hexachlorobutadiene	50.000	44.459	11.1	73	0.00
95 T	Naphthalene	50.000	52.776	-5.6	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.189	-2.4	82	0.00

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