

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072305.D
 Acq On : 18 Mar 2022 22:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 19 05:30:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 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	77	0.00
2 T	Dichlorodifluoromethane	50.000	42.243	15.5	60	0.00
3 P	Chloromethane	50.000	55.430	-10.9	78	0.00
4 C	Vinyl Chloride	50.000	53.785	-7.6#	71	0.00
5 T	Bromomethane	50.000	57.730	-15.5	84	-0.01
6 T	Chloroethane	50.000	55.939	-11.9	76	0.00
7 T	Trichlorofluoromethane	50.000	46.789	6.4	66	0.00
8 T	Diethyl Ether	50.000	55.316	-10.6	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.616	8.8	65	0.00
10 T	Methyl Iodide	50.000	38.758	22.5	56	0.00
11 T	Tert butyl alcohol	250.000	252.230	-0.9	87	0.01
12 CM	1,1-Dichloroethene	50.000	49.337	1.3#	68	0.00
13 T	Acrolein	250.000	234.658	6.1	84	0.00
14 T	Allyl chloride	50.000	53.000	-6.0	74	0.00
15 T	Acrylonitrile	250.000	289.616	-15.8	91	0.00
16 T	Acetone	250.000	217.500	13.0	66	0.00
17 T	Carbon Disulfide	50.000	48.426	3.1	65	0.00
18 T	Methyl Acetate	50.000	55.134	-10.3	96	0.00
19 T	Methyl tert-butyl Ether	50.000	56.078	-12.2	84	0.00
20 T	Methylene Chloride	50.000	56.870	-13.7	80	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.931	-7.9	73	0.00
22 T	Diisopropyl ether	50.000	57.298	-14.6	85	0.00
23 T	Vinyl Acetate	250.000	297.408	-19.0	84	0.00
24 P	1,1-Dichloroethane	50.000	53.859	-7.7	79	0.00
25 T	2-Butanone	250.000	264.350	-5.7	83	0.00
26 T	2,2-Dichloropropane	50.000	44.370	11.3	65	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.504	-9.0	78	0.00
28 T	Bromochloromethane	50.000	60.837	-21.7	90	0.00
29 T	Tetrahydrofuran	250.000	303.205	-21.3	93	0.00
30 C	Chloroform	50.000	53.480	-7.0#	80	0.00
31 T	Cyclohexane	50.000	47.514	5.0	65	0.00
32 T	1,1,1-Trichloroethane	50.000	49.913	0.2	72	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.422	-10.8	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35 S	Dibromofluoromethane	50.000	51.856	-3.7	89	0.00
36 T	1,1-Dichloropropene	50.000	49.438	1.1	69	0.00
37 T	Ethyl Acetate	50.000	58.955	-17.9	92	0.00
38 T	Carbon Tetrachloride	50.000	46.463	7.1	69	0.00
39 T	Methylcyclohexane	50.000	48.281	3.4	65	0.00
40 TM	Benzene	50.000	52.898	-5.8	77	0.00
41 T	Methacrylonitrile	50.000	59.000	-18.0	91	0.00
42 TM	1,2-Dichloroethane	50.000	55.672	-11.3	85	0.00
43 T	Isopropyl Acetate	50.000	56.662	-13.3	90	0.00
44 TM	Trichloroethene	50.000	49.883	0.2	73	0.00
45 C	1,2-Dichloropropane	50.000	53.088	-6.2#	82	0.00
46 T	Dibromomethane	50.000	56.775	-13.5	87	0.00
47 T	Bromodichloromethane	50.000	53.795	-7.6	83	0.00
48 T	Methyl methacrylate	50.000	56.205	-12.4	83	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	1093.008	-9.3	89	0.00
50 S	Toluene-d8	50.000	50.653	-1.3	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	295.020	-18.0	93	0.00
52 CM	Toluene	50.000	52.524	-5.0#	75	0.00
53 T	t-1,3-Dichloropropene	50.000	52.740	-5.5	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.951	-5.9	80	0.00
55 T	1,1,2-Trichloroethane	50.000	54.114	-8.2	86	0.00
56 T	Ethyl methacrylate	50.000	58.382	-16.8	89	0.00
57 T	1,3-Dichloropropane	50.000	55.846	-11.7	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	286.901	-14.8	93	0.00
59 T	2-Hexanone	250.000	286.893	-14.8	91	0.00
60 T	Dibromochloromethane	50.000	53.245	-6.5	85	0.00
61 T	1,2-Dibromoethane	50.000	55.722	-11.4	86	0.00
62 S	4-Bromofluorobenzene	50.000	49.889	0.2	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	46.860	6.3	71	0.00
65 PM	Chlorobenzene	50.000	49.816	0.4	77	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.358	1.3	79	0.00
67 C	Ethyl Benzene	50.000	49.639	0.7#	75	0.00
68 T	m/p-Xylenes	100.000	100.245	-0.2	75	0.00
69 T	o-Xylene	50.000	51.350	-2.7	77	0.00
70 T	Styrene	50.000	51.712	-3.4	80	0.00
71 P	Bromoform	50.000	53.038	-6.1	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73 T	Isopropylbenzene	50.000	47.730	4.5	73	0.00
74 T	N-amyl acetate	50.000	55.174	-10.3	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.847	-3.7	90	0.00
76 T	1,2,3-Trichloropropane	50.000	51.788	-3.6	88	0.00
77 T	Bromobenzene	50.000	50.413	-0.8	82	0.00
78 T	n-propylbenzene	50.000	47.938	4.1	74	0.00
79 T	2-Chlorotoluene	50.000	49.065	1.9	78	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.754	4.5	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.372	1.3	84	0.00
82 T	4-Chlorotoluene	50.000	48.332	3.3	77	0.00
83 T	tert-Butylbenzene	50.000	47.019	6.0	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.795	4.4	76	0.00
85 T	sec-Butylbenzene	50.000	46.219	7.6	72	0.00
86 T	p-Isopropyltoluene	50.000	47.044	5.9	73	0.00
87 T	1,3-Dichlorobenzene	50.000	46.984	6.0	77	0.00
88 T	1,4-Dichlorobenzene	50.000	47.612	4.8	78	0.00
89 T	n-Butylbenzene	50.000	45.564	8.9	70	0.00
90 T	Hexachloroethane	50.000	46.573	6.9	76	0.00
91 T	1,2-Dichlorobenzene	50.000	48.735	2.5	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.182	-6.4	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.457	9.1	75	0.00
94 T	Hexachlorobutadiene	50.000	42.765	14.5	70	0.00
95 T	Naphthalene	50.000	52.732	-5.5	88	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	47.591	4.8	80	0.00

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