

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071287.D
 Acq On : 13 Dec 2021 09:13
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 14 08:12:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 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	72	0.00
2 T	Dichlorodifluoromethane	50.000	44.017	12.0	69	0.00
3 P	Chloromethane	50.000	51.749	-3.5	79	0.00
4 C	Vinyl Chloride	50.000	53.992	-8.0#	79	0.00
5 T	Bromomethane	50.000	54.598	-9.2	83	0.00
6 T	Chloroethane	50.000	58.831	-17.7	84	0.00
7 T	Trichlorofluoromethane	50.000	53.336	-6.7	77	0.00
8 T	Diethyl Ether	50.000	54.986	-10.0	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.845	-9.7	79	0.00
10 T	Methyl Iodide	50.000	42.793	14.4	63	0.00
11 T	Tert butyl alcohol	250.000	285.113	-14.0	81	-0.02
12 CM	1,1-Dichloroethene	50.000	50.873	-1.7#	75	0.00
13 T	Acrolein	250.000	175.616	29.8#	59	0.00
14 T	Allyl chloride	50.000	53.118	-6.2	76	0.00
15 T	Acrylonitrile	250.000	296.260	-18.5	89	0.00
16 T	Acetone	250.000	273.770	-9.5	92	0.00
17 T	Carbon Disulfide	50.000	45.863	8.3	68	0.00
18 T	Methyl Acetate	50.000	55.771	-11.5	90	0.00
19 T	Methyl tert-butyl Ether	50.000	56.671	-13.3	83	0.00
20 T	Methylene Chloride	50.000	52.404	-4.8	77	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.068	-6.1	76	0.00
22 T	Diisopropyl ether	50.000	58.791	-17.6	83	0.00
23 T	Vinyl Acetate	250.000	254.220	-1.7	82	0.00
24 P	1,1-Dichloroethane	50.000	56.936	-13.9	80	0.00
25 T	2-Butanone	250.000	252.249	-0.9	85	0.00
26 T	2,2-Dichloropropane	50.000	53.514	-7.0	76	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.497	-13.0	78	0.00
28 T	Bromochloromethane	50.000	52.551	-5.1	76	0.00
29 T	Tetrahydrofuran	250.000	297.637	-19.1	93	0.00
30 C	Chloroform	50.000	59.106	-18.2#	83	0.00
31 T	Cyclohexane	50.000	47.899	4.2	73	0.00
32 T	1,1,1-Trichloroethane	50.000	56.576	-13.2	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.378	-8.8	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	71	0.00
35 S	Dibromofluoromethane	50.000	54.699	-9.4	81	0.00
36 T	1,1-Dichloropropene	50.000	54.520	-9.0	77	0.00
37 T	Ethyl Acetate	50.000	58.164	-16.3	92	0.00
38 T	Carbon Tetrachloride	50.000	58.298	-16.6	82	0.00
39 T	Methylcyclohexane	50.000	50.746	-1.5	72	0.00
40 TM	Benzene	50.000	56.509	-13.0	80	0.00
41 T	Methacrylonitrile	50.000	63.840	-27.7#	92	0.00
42 TM	1,2-Dichloroethane	50.000	59.066	-18.1	85	0.00
43 T	Isopropyl Acetate	50.000	51.818	-3.6	86	0.00
44 TM	Trichloroethene	50.000	53.864	-7.7	76	0.00
45 C	1,2-Dichloropropane	50.000	58.146	-16.3#	81	0.00
46 T	Dibromomethane	50.000	59.203	-18.4	86	0.00
47 T	Bromodichloromethane	50.000	59.934	-19.9	84	0.00
48 T	Methyl methacrylate	50.000	58.563	-17.1	86	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	1244.585	-24.5	91	0.00
50 S	Toluene-d8	50.000	51.035	-2.1	77	0.00
51 T	4-Methyl-2-Pentanone	250.000	264.241	-5.7	91	0.00
52 CM	Toluene	50.000	56.507	-13.0#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	58.706	-17.4	82	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.668	-15.3	80	0.00
55 T	1,1,2-Trichloroethane	50.000	59.580	-19.2	87	0.00
56 T	Ethyl methacrylate	50.000	51.351	-2.7	87	0.00
57 T	1,3-Dichloropropane	50.000	59.180	-18.4	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	274.575	-9.8	86	0.00
59 T	2-Hexanone	250.000	254.646	-1.9	88	0.00
60 T	Dibromochloromethane	50.000	60.596	-21.2	87	0.00
61 T	1,2-Dibromoethane	50.000	58.153	-16.3	85	0.00
62 S	4-Bromofluorobenzene	50.000	55.158	-10.3	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64 T	Tetrachloroethene	50.000	52.344	-4.7	77	0.00
65 PM	Chlorobenzene	50.000	55.281	-10.6	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	59.548	-19.1	86	0.00
67 C	Ethyl Benzene	50.000	56.345	-12.7#	80	0.00
68 T	m/p-Xylenes	100.000	111.633	-11.6	80	0.00
69 T	o-Xylene	50.000	55.722	-11.4	80	0.00
70 T	Styrene	50.000	58.263	-16.5	82	0.00
71 P	Bromoform	50.000	60.596	-21.2	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	52.015	-4.0	80	0.00
74 T	N-amyl acetate	50.000	46.471	7.1	85	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.441	-10.9	89	0.00
76 T	1,2,3-Trichloropropane	50.000	58.984	-18.0	105	0.00
77 T	Bromobenzene	50.000	52.627	-5.3	83	0.00
78 T	n-propylbenzene	50.000	52.320	-4.6	80	0.00
79 T	2-Chlorotoluene	50.000	51.570	-3.1	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.251	-6.5	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.754	4.5	88	0.00
82 T	4-Chlorotoluene	50.000	52.684	-5.4	82	0.00
83 T	tert-Butylbenzene	50.000	52.844	-5.7	81	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.210	-8.4	82	0.00
85 T	sec-Butylbenzene	50.000	53.243	-6.5	81	0.00
86 T	p-Isopropyltoluene	50.000	53.809	-7.6	82	0.00
87 T	1,3-Dichlorobenzene	50.000	55.048	-10.1	84	0.00
88 T	1,4-Dichlorobenzene	50.000	53.912	-7.8	84	0.00
89 T	n-Butylbenzene	50.000	54.011	-8.0	81	0.00
90 T	Hexachloroethane	50.000	55.514	-11.0	84	0.00
91 T	1,2-Dichlorobenzene	50.000	55.402	-10.8	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.599	-9.2	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.954	-5.9	81	0.00
94 T	Hexachlorobutadiene	50.000	52.067	-4.1	78	0.00
95 T	Naphthalene	50.000	54.032	-8.1	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.254	-4.5	80	0.00

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