

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
 Data File : VD077982.D
 Acq On : 19 Dec 2023 18:53
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 02:08:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 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	79	0.00
2 T	Dichlorodifluoromethane	50.000	43.929	12.1	72	0.00
3 P	Chloromethane	50.000	50.576	-1.2	81	0.00
4 C	Vinyl Chloride	50.000	52.673	-5.3#	81	0.00
5 T	Bromomethane	50.000	74.172	-48.3#	113	0.00
6 T	Chloroethane	50.000	58.105	-16.2	90	0.00
7 T	Trichlorofluoromethane	50.000	51.185	-2.4	79	0.00
8 T	Diethyl Ether	50.000	56.714	-13.4	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.384	-8.8	83	0.01
10 T	Methyl Iodide	50.000	67.300	-34.6#	109	0.00
11 T	Tert butyl alcohol	250.000	250.861	-0.3	81	0.00
12 CM	1,1-Dichloroethene	50.000	53.430	-6.9#	82	0.00
13 T	Acrolein	250.000	157.171	37.1#	50	0.00
14 T	Allyl chloride	50.000	50.254	-0.5	78	0.00
15 T	Acrylonitrile	250.000	277.188	-10.9	87	0.01
16 T	Acetone	250.000	235.118	6.0	81	0.00
17 T	Carbon Disulfide	50.000	44.666	10.7	69	0.00
18 T	Methyl Acetate	50.000	60.402	-20.8	95	0.00
19 T	Methyl tert-butyl Ether	50.000	58.711	-17.4	91	0.00
20 T	Methylene Chloride	50.000	60.035	-20.1	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.728	-11.5	83	0.01
22 T	Diisopropyl ether	50.000	54.787	-9.6	83	0.00
23 T	Vinyl Acetate	250.000	252.809	-1.1	77	0.00
24 P	1,1-Dichloroethane	50.000	57.047	-14.1	88	0.00
25 T	2-Butanone	250.000	253.734	-1.5	84	0.00
26 T	2,2-Dichloropropane	50.000	52.422	-4.8	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	61.202	-22.4	92	0.00
28 T	Bromochloromethane	50.000	51.346	-2.7	79	0.00
29 T	Tetrahydrofuran	250.000	264.510	-5.8	83	0.00
30 C	Chloroform	50.000	59.998	-20.0#	91	0.00
31 T	Cyclohexane	50.000	44.570	10.9	70	0.00
32 T	1,1,1-Trichloroethane	50.000	56.136	-12.3	85	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.503	-5.0	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	56.808	-13.6	90	0.00
36 T	1,1-Dichloropropene	50.000	51.284	-2.6	80	0.00
37 T	Ethyl Acetate	50.000	44.948	10.1	81	0.00
38 T	Carbon Tetrachloride	50.000	52.794	-5.6	83	0.00
39 T	Methylcyclohexane	50.000	49.348	1.3	76	0.00
40 TM	Benzene	50.000	55.061	-10.1	87	0.00
41 T	Methacrylonitrile	50.000	49.962	0.1	88	0.00
42 TM	1,2-Dichloroethane	50.000	56.538	-13.1	90	0.00
43 T	Isopropyl Acetate	50.000	49.468	1.1	82	0.00
44 TM	Trichloroethene	50.000	56.309	-12.6	88	0.00
45 C	1,2-Dichloropropane	50.000	57.275	-14.5#	91	0.00
46 T	Dibromomethane	50.000	60.886	-21.8	97	0.00
47 T	Bromodichloromethane	50.000	60.539	-21.1	95	0.00
48 T	Methyl methacrylate	50.000	50.942	-1.9	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1109.173	-10.9	101	0.00
50 S	Toluene-d8	50.000	54.443	-8.9	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.658	-4.7	84	0.00
52 CM	Toluene	50.000	58.911	-17.8#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	59.873	-19.7	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	59.099	-18.2	93	0.00
55 T	1,1,2-Trichloroethane	50.000	61.847	-23.7	99	0.00
56 T	Ethyl methacrylate	50.000	59.460	-18.9	94	0.00
57 T	1,3-Dichloropropane	50.000	59.589	-19.2	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	233.451	6.6	81	0.00
59 T	2-Hexanone	250.000	229.462	8.2	85	0.00
60 T	Dibromochloromethane	50.000	64.743	-29.5#	102	0.00
61 T	1,2-Dibromoethane	50.000	64.332	-28.7#	105	0.00
62 S	4-Bromofluorobenzene	50.000	62.781	-25.6#	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	52.918	-5.8	90	0.00
65 PM	Chlorobenzene	50.000	55.552	-11.1	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.177	-14.4	98	0.00
67 C	Ethyl Benzene	50.000	55.852	-11.7#	94	0.00
68 T	m/p-Xylenes	100.000	112.930	-12.9	93	0.00
69 T	o-Xylene	50.000	57.745	-15.5	96	0.00
70 T	Styrene	50.000	59.708	-19.4	99	0.00
71 P	Bromoform	50.000	58.957	-17.9	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	52.892	-5.8	93	0.00
74 T	N-ethyl acetate	50.000	44.403	11.2	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.943	-7.9	98	0.00
76 T	1,2,3-Trichloropropane	50.000	57.159	-14.3	91	0.00
77 T	Bromobenzene	50.000	54.193	-8.4	99	0.00
78 T	n-propylbenzene	50.000	51.998	-4.0	91	0.00
79 T	2-Chlorotoluene	50.000	54.260	-8.5	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.772	-7.5	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.389	-0.8	94	0.00
82 T	4-Chlorotoluene	50.000	54.045	-8.1	96	0.00
83 T	tert-Butylbenzene	50.000	55.459	-10.9	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.235	-8.5	95	0.00
85 T	sec-Butylbenzene	50.000	54.022	-8.0	94	0.00
86 T	p-Isopropyltoluene	50.000	54.788	-9.6	94	0.00
87 T	1,3-Dichlorobenzene	50.000	55.129	-10.3	98	0.00
88 T	1,4-Dichlorobenzene	50.000	53.400	-6.8	96	0.00
89 T	n-Butylbenzene	50.000	53.244	-6.5	91	0.00
90 T	Hexachloroethane	50.000	57.693	-15.4	102	0.00
91 T	1,2-Dichlorobenzene	50.000	54.949	-9.9	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.795	-11.6	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.423	-8.8	103	0.00
94 T	Hexachlorobutadiene	50.000	53.485	-7.0	95	0.00
95 T	Naphthalene	50.000	60.871	-21.7	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.746	-13.5	105	0.00

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