

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013124\
 Data File : VD078286.D
 Acq On : 31 Jan 2024 11:18
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 01 02:56:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	50.158	-0.3	96	0.00
3 P	Chloromethane	50.000	46.566	6.9	97	0.00
4 C	Vinyl Chloride	50.000	46.047	7.9#	93	0.00
5 T	Bromomethane	50.000	42.488	15.0	94	0.00
6 T	Chloroethane	50.000	44.917	10.2	95	0.00
7 T	Trichlorofluoromethane	50.000	46.214	7.6	95	0.00
8 T	Diethyl Ether	50.000	45.470	9.1	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.898	8.2	98	0.00
10 T	Methyl Iodide	50.000	48.855	2.3	91	0.00
11 T	Tert butyl alcohol	250.000	213.224	14.7	95	0.00
12 CM	1,1-Dichloroethene	50.000	46.331	7.3#	95	0.00
13 T	Acrolein	250.000	209.291	16.3	92	0.00
14 T	Allyl chloride	50.000	46.636	6.7	93	0.00
15 T	Acrylonitrile	250.000	222.346	11.1	90	0.00
16 T	Acetone	250.000	232.443	7.0	90	0.00
17 T	Carbon Disulfide	50.000	45.525	9.0	94	0.00
18 T	Methyl Acetate	50.000	48.836	2.3	86	0.00
19 T	Methyl tert-butyl Ether	50.000	46.772	6.5	90	-0.02
20 T	Methylene Chloride	50.000	46.658	6.7	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.191	5.6	94	0.00
22 T	Diisopropyl ether	50.000	46.754	6.5	90	0.00
23 T	Vinyl Acetate	250.000	228.689	8.5	91	0.00
24 P	1,1-Dichloroethane	50.000	45.827	8.3	93	0.00
25 T	2-Butanone	250.000	214.391	14.2	89	0.00
26 T	2,2-Dichloropropane	50.000	47.769	4.5	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.812	8.4	91	0.00
28 T	Bromochloromethane	50.000	54.185	-8.4	106	0.00
29 T	Tetrahydrofuran	250.000	215.702	13.7	84	0.00
30 C	Chloroform	50.000	46.414	7.2#	93	0.00
31 T	Cyclohexane	50.000	45.137	9.7	93	0.00
32 T	1,1,1-Trichloroethane	50.000	46.927	6.1	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.031	9.9	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	46.064	7.9	92	0.00
36 T	1,1-Dichloropropene	50.000	47.875	4.3	95	0.00
37 T	Ethyl Acetate	50.000	40.062	19.9	85	0.00
38 T	Carbon Tetrachloride	50.000	46.080	7.8	93	0.00
39 T	Methylcyclohexane	50.000	48.404	3.2	95	0.00
40 TM	Benzene	50.000	46.260	7.5	92	0.00
41 T	Methacrylonitrile	50.000	43.580	12.8	82	0.00
42 TM	1,2-Dichloroethane	50.000	44.900	10.2	92	0.00
43 T	Isopropyl Acetate	50.000	45.823	8.4	89	0.00
44 TM	Trichloroethene	50.000	46.956	6.1	94	0.00
45 C	1,2-Dichloropropane	50.000	45.001	10.0#	89	0.00
46 T	Dibromomethane	50.000	43.748	12.5	88	0.00
47 T	Bromodichloromethane	50.000	46.493	7.0	91	0.00
48 T	Methyl methacrylate	50.000	47.773	4.5	92	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	869.849	13.0	89	0.00
50 S	Toluene-d8	50.000	48.157	3.7	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	219.230	12.3	85	0.00
52 CM	Toluene	50.000	48.151	3.7#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	46.385	7.2	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.992	4.0	94	0.00
55 T	1,1,2-Trichloroethane	50.000	45.305	9.4	87	0.00
56 T	Ethyl methacrylate	50.000	47.092	5.8	87	0.00
57 T	1,3-Dichloropropane	50.000	45.413	9.2	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.651	-5.1	98	0.00
59 T	2-Hexanone	250.000	219.844	12.1	88	0.00
60 T	Dibromochloromethane	50.000	47.015	6.0	92	0.00
61 T	1,2-Dibromoethane	50.000	44.861	10.3	90	0.00
62 S	4-Bromofluorobenzene	50.000	46.658	6.7	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	48.704	2.6	96	0.00
65 PM	Chlorobenzene	50.000	46.049	7.9	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.808	6.4	93	0.00
67 C	Ethyl Benzene	50.000	48.494	3.0#	92	0.00
68 T	m/p-Xylenes	100.000	96.275	3.7	92	0.00
69 T	o-Xylene	50.000	48.497	3.0	90	0.00
70 T	Styrene	50.000	48.384	3.2	90	0.00
71 P	Bromoform	50.000	46.944	6.1	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	49.269	1.5	93	0.00
74 T	N-ethyl acetate	50.000	46.849	6.3	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.395	9.2	89	0.00
76 T	1,2,3-Trichloropropane	50.000	47.860	4.3	108	0.00
77 T	Bromobenzene	50.000	46.684	6.6	91	0.00
78 T	n-propylbenzene	50.000	49.907	0.2	93	0.00
79 T	2-Chlorotoluene	50.000	48.546	2.9	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.651	0.7	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.620	6.8	88	0.00
82 T	4-Chlorotoluene	50.000	47.031	5.9	90	0.00
83 T	tert-Butylbenzene	50.000	50.447	-0.9	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.392	1.2	91	0.00
85 T	sec-Butylbenzene	50.000	50.653	-1.3	96	0.00
86 T	p-Isopropyltoluene	50.000	50.366	-0.7	95	0.00
87 T	1,3-Dichlorobenzene	50.000	47.952	4.1	91	0.00
88 T	1,4-Dichlorobenzene	50.000	47.223	5.6	91	0.00
89 T	n-Butylbenzene	50.000	51.948	-3.9	99	0.00
90 T	Hexachloroethane	50.000	49.846	0.3	95	0.00
91 T	1,2-Dichlorobenzene	50.000	47.244	5.5	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.599	12.8	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.148	-0.3	97	0.00
94 T	Hexachlorobutadiene	50.000	51.918	-3.8	100	0.00
95 T	Naphthalene	50.000	49.258	1.5	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.898	2.2	93	0.00

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