

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
 Data File : VD077492.D
 Acq On : 02 Nov 2023 16:22
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 03 01:04:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 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	68	0.00
2 T	Dichlorodifluoromethane	50.000	42.449	15.1	62	0.00
3 P	Chloromethane	50.000	53.872	-7.7	67	0.00
4 C	Vinyl Chloride	50.000	59.323	-18.6#	75	0.00
5 T	Bromomethane	50.000	60.929	-21.9	75	0.00
6 T	Chloroethane	50.000	60.855	-21.7	77	0.00
7 T	Trichlorofluoromethane	50.000	46.867	6.3	63	0.00
8 T	Diethyl Ether	50.000	45.888	8.2	59	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.907	8.2	63	0.00
10 T	Methyl Iodide	50.000	40.998	18.0	55	0.00
11 T	Tert butyl alcohol	250.000	189.783	24.1	56	0.00
12 CM	1,1-Dichloroethene	50.000	47.709	4.6#	62	0.00
13 T	Acrolein	250.000	184.239	26.3#	51	0.00
14 T	Allyl chloride	50.000	45.576	8.8	57	0.00
15 T	Acrylonitrile	250.000	226.696	9.3	59	0.00
16 T	Acetone	250.000	213.999	14.4	56	0.00
17 T	Carbon Disulfide	50.000	45.768	8.5	59	0.00
18 T	Methyl Acetate	50.000	47.243	5.5	60	0.00
19 T	Methyl tert-butyl Ether	50.000	45.467	9.1	60	0.00
20 T	Methylene Chloride	50.000	47.465	5.1	63	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.117	5.8	60	0.00
22 T	Diisopropyl ether	50.000	45.956	8.1	60	0.00
23 T	Vinyl Acetate	250.000	228.501	8.6	60	0.00
24 P	1,1-Dichloroethane	50.000	45.992	8.0	60	0.00
25 T	2-Butanone	250.000	212.002	15.2	58	0.00
26 T	2,2-Dichloropropane	50.000	43.925	12.2	60	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.559	6.9	60	0.00
28 T	Bromochloromethane	50.000	48.450	3.1	64	0.00
29 T	Tetrahydrofuran	250.000	217.341	13.1	57	0.00
30 C	Chloroform	50.000	45.743	8.5#	60	0.00
31 T	Cyclohexane	50.000	46.869	6.3	63	0.00
32 T	1,1,1-Trichloroethane	50.000	45.404	9.2	61	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.394	9.2	61	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	69	0.00
35 S	Dibromofluoromethane	50.000	44.397	11.2	62	0.00
36 T	1,1-Dichloropropene	50.000	46.859	6.3	62	0.00
37 T	Ethyl Acetate	50.000	43.604	12.8	59	0.00
38 T	Carbon Tetrachloride	50.000	44.869	10.3	63	0.00
39 T	Methylcyclohexane	50.000	47.245	5.5	64	0.00
40 TM	Benzene	50.000	46.627	6.7	62	0.00
41 T	Methacrylonitrile	50.000	39.370	21.3	57	0.00
42 TM	1,2-Dichloroethane	50.000	44.716	10.6	60	0.00
43 T	Isopropyl Acetate	50.000	42.052	15.9	56	0.00
44 TM	Trichloroethene	50.000	44.631	10.7	60	0.00
45 C	1,2-Dichloropropane	50.000	45.513	9.0#	61	0.00
46 T	Dibromomethane	50.000	43.053	13.9	59	0.00
47 T	Bromodichloromethane	50.000	44.669	10.7	61	0.00
48 T	Methyl methacrylate	50.000	42.648	14.7	56	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	802.307	19.8	55	0.00
50 S	Toluene-d8	50.000	46.835	6.3	65	0.00
51 T	4-Methyl-2-Pentanone	250.000	212.242	15.1	59	0.00
52 CM	Toluene	50.000	45.721	8.6#	61	0.00
53 T	t-1,3-Dichloropropene	50.000	43.663	12.7	59	0.00
54 T	cis-1,3-Dichloropropene	50.000	44.182	11.6	59	0.00
55 T	1,1,2-Trichloroethane	50.000	43.849	12.3	61	0.00
56 T	Ethyl methacrylate	50.000	44.036	11.9	60	0.00
57 T	1,3-Dichloropropane	50.000	44.606	10.8	60	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	229.686	8.1	60	0.00
59 T	2-Hexanone	250.000	206.221	17.5	58	0.00
60 T	Dibromochloromethane	50.000	42.754	14.5	59	0.00
61 T	1,2-Dibromoethane	50.000	42.465	15.1	58	0.00
62 S	4-Bromofluorobenzene	50.000	43.672	12.7	62	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64 T	Tetrachloroethene	50.000	43.825	12.3	61	0.00
65 PM	Chlorobenzene	50.000	44.640	10.7	61	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	42.591	14.8	58	0.00
67 C	Ethyl Benzene	50.000	45.266	9.5#	62	0.00
68 T	m/p-Xylenes	100.000	90.061	9.9	61	0.00
69 T	o-Xylene	50.000	45.624	8.8	62	0.00
70 T	Styrene	50.000	44.674	10.7	61	0.00
71 P	Bromoform	50.000	41.010	18.0	58	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	69	0.00
73 T	Isopropylbenzene	50.000	44.777	10.4	62	0.00
74 T	N-amyl acetate	50.000	40.788	18.4	57	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.157	13.7	59	0.00
76 T	1,2,3-Trichloropropane	50.000	41.945	16.1	59	0.00
77 T	Bromobenzene	50.000	43.549	12.9	59	0.00
78 T	n-propylbenzene	50.000	45.758	8.5	63	0.00
79 T	2-Chlorotoluene	50.000	43.728	12.5	60	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.303	11.4	61	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.002	16.0	59	0.00
82 T	4-Chlorotoluene	50.000	42.753	14.5	59	0.00
83 T	tert-Butylbenzene	50.000	44.580	10.8	61	0.00
84 T	1,2,4-Trimethylbenzene	50.000	44.643	10.7	62	0.00
85 T	sec-Butylbenzene	50.000	45.709	8.6	65	0.00
86 T	p-Isopropyltoluene	50.000	45.542	8.9	63	0.00
87 T	1,3-Dichlorobenzene	50.000	43.778	12.4	60	0.00
88 T	1,4-Dichlorobenzene	50.000	43.147	13.7	60	0.00
89 T	n-Butylbenzene	50.000	45.286	9.4	63	0.00
90 T	Hexachloroethane	50.000	43.056	13.9	60	0.00
91 T	1,2-Dichlorobenzene	50.000	43.999	12.0	61	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	37.935	24.1	53	0.00
93 T	1,2,4-Trichlorobenzene	50.000	42.507	15.0	59	0.00
94 T	Hexachlorobutadiene	50.000	42.540	14.9	61	0.00
95 T	Naphthalene	50.000	42.316	15.4	58	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.351	17.3	57	0.00

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