

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076187.D
 Acq On : 23 May 2023 10:19
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 23 15:01:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	40.753	18.5	77	0.00
3 P	Chloromethane	50.000	48.737	2.5	80	0.00
4 C	Vinyl Chloride	50.000	47.201	5.6#	87	0.00
5 T	Bromomethane	50.000	43.000	14.0	77	0.00
6 T	Chloroethane	50.000	48.618	2.8	88	0.00
7 T	Trichlorofluoromethane	50.000	43.888	12.2	84	0.00
8 T	Diethyl Ether	50.000	43.503	13.0	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.444	11.1	85	0.00
10 T	Methyl Iodide	50.000	47.279	5.4	74	0.00
11 T	Tert butyl alcohol	250.000	219.017	12.4	75	0.00
12 CM	1,1-Dichloroethene	50.000	43.562	12.9#	79	0.00
13 T	Acrolein	250.000	197.836	20.9	64	0.00
14 T	Allyl chloride	50.000	44.345	11.3	75	0.00
15 T	Acrylonitrile	250.000	241.134	3.5	79	0.00
16 T	Acetone	250.000	234.423	6.2	76	0.00
17 T	Carbon Disulfide	50.000	44.054	11.9	75	0.00
18 T	Methyl Acetate	50.000	47.756	4.5	79	0.00
19 T	Methyl tert-butyl Ether	50.000	48.206	3.6	77	-0.01
20 T	Methylene Chloride	50.000	41.965	16.1	72	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.165	9.7	77	-0.01
22 T	Diisopropyl ether	50.000	50.290	-0.6	79	0.00
23 T	Vinyl Acetate	250.000	294.643	-17.9	93	0.00
24 P	1,1-Dichloroethane	50.000	46.980	6.0	81	0.00
25 T	2-Butanone	250.000	240.619	3.8	78	0.00
26 T	2,2-Dichloropropane	50.000	46.929	6.1	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.543	6.9	76	0.00
28 T	Bromochloromethane	50.000	46.897	6.2	81	0.00
29 T	Tetrahydrofuran	250.000	252.722	-1.1	80	0.00
30 C	Chloroform	50.000	47.195	5.6#	82	0.00
31 T	Cyclohexane	50.000	43.992	12.0	82	0.00
32 T	1,1,1-Trichloroethane	50.000	46.533	6.9	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.322	11.4	80	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	43.957	12.1	79	0.00
36 T	1,1-Dichloropropene	50.000	46.397	7.2	83	0.00
37 T	Ethyl Acetate	50.000	49.353	1.3	80	0.00
38 T	Carbon Tetrachloride	50.000	44.762	10.5	83	0.00
39 T	Methylcyclohexane	50.000	44.779	10.4	84	0.00
40 TM	Benzene	50.000	45.314	9.4	79	0.00
41 T	Methacrylonitrile	50.000	49.978	0.0	76	0.00
42 TM	1,2-Dichloroethane	50.000	46.200	7.6	81	0.00
43 T	Isopropyl Acetate	50.000	45.780	8.4	79	0.00
44 TM	Trichloroethene	50.000	41.822	16.4	75	0.00
45 C	1,2-Dichloropropane	50.000	45.660	8.7#	80	0.00
46 T	Dibromomethane	50.000	45.301	9.4	80	0.00
47 T	Bromodichloromethane	50.000	45.997	8.0	80	0.00
48 T	Methyl methacrylate	50.000	45.626	8.7	76	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	941.583	5.8	80	0.00
50 S	Toluene-d8	50.000	44.708	10.6	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	239.907	4.0	79	0.00
52 CM	Toluene	50.000	47.524	5.0#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	46.723	6.6	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.734	6.5	79	0.00
55 T	1,1,2-Trichloroethane	50.000	46.487	7.0	81	0.00
56 T	Ethyl methacrylate	50.000	49.686	0.6	79	0.00
57 T	1,3-Dichloropropane	50.000	47.385	5.2	81	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	244.362	2.3	80	0.00
59 T	2-Hexanone	250.000	247.030	1.2	79	0.00
60 T	Dibromochloromethane	50.000	47.198	5.6	81	0.00
61 T	1,2-Dibromoethane	50.000	46.485	7.0	81	0.00
62 S	4-Bromofluorobenzene	50.000	45.827	8.3	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	40.231	19.5	75	0.00
65 PM	Chlorobenzene	50.000	43.967	12.1	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.502	9.0	83	0.00
67 C	Ethyl Benzene	50.000	47.481	5.0#	84	0.00
68 T	m/p-Xylenes	100.000	96.093	3.9	85	0.00
69 T	o-Xylene	50.000	47.484	5.0	82	0.00
70 T	Styrene	50.000	49.795	0.4	86	0.00
71 P	Bromoform	50.000	43.600	12.8	78	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	46.227	7.5	86	0.00
74 T	N-ethyl acetate	50.000	44.230	11.5	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	42.987	14.0	82	0.00
76 T	1,2,3-Trichloropropane	50.000	48.414	3.2	104	0.00
77 T	Bromobenzene	50.000	42.158	15.7	78	0.00
78 T	n-propylbenzene	50.000	46.793	6.4	87	0.00
79 T	2-Chlorotoluene	50.000	45.153	9.7	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.278	7.4	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.476	9.0	83	0.00
82 T	4-Chlorotoluene	50.000	45.171	9.7	84	0.00
83 T	tert-Butylbenzene	50.000	46.384	7.2	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.619	4.8	86	0.00
85 T	sec-Butylbenzene	50.000	47.019	6.0	90	0.00
86 T	p-Isopropyltoluene	50.000	47.986	4.0	89	0.00
87 T	1,3-Dichlorobenzene	50.000	44.242	11.5	84	0.00
88 T	1,4-Dichlorobenzene	50.000	44.398	11.2	85	0.00
89 T	n-Butylbenzene	50.000	46.018	8.0	87	0.00
90 T	Hexachloroethane	50.000	44.176	11.6	89	0.00
91 T	1,2-Dichlorobenzene	50.000	44.119	11.8	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.889	12.2	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	40.138	19.7	72	0.00
94 T	Hexachlorobutadiene	50.000	38.640	22.7	75	0.00
95 T	Naphthalene	50.000	43.061	13.9	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	40.160	19.7	71	0.00

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