

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042621\  
 Data File : VD068980.D  
 Acq On : 26 Apr 2021 11:03  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 LabSampleId :  
 VSTDCCC050

Quant Time: Apr 27 07:11:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 08 03:50:31 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	45.622	8.8	91	0.00
3 P	Chloromethane	50.000	42.042	15.9	85	0.00
4 C	Vinyl Chloride	50.000	45.259	9.5#	91	0.00
5 T	Bromomethane	50.000	48.123	3.8	102	0.00
6 T	Chloroethane	50.000	47.601	4.8	95	0.00
7 T	Trichlorofluoromethane	50.000	53.273	-6.5	109	0.00
8 T	Diethyl Ether	50.000	48.893	2.2	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.941	-7.9	101	0.00
10 T	Methyl Iodide	50.000	45.667	8.7	85	0.00
11 T	Tert butyl alcohol	250.000	225.653	9.7	84	0.00
12 CM	1,1-Dichloroethene	50.000	49.794	0.4#	94	0.00
13 T	Acrolein	250.000	166.995	33.2#	64	0.00
14 T	Allyl chloride	50.000	43.567	12.9	82	0.00
15 T	Acrylonitrile	250.000	223.978	10.4	85	0.00
16 T	Acetone	250.000	267.070	-6.8	104	0.00
17 T	Carbon Disulfide	50.000	45.771	8.5	85	0.00
18 T	Methyl Acetate	50.000	45.167	9.7	88	0.00
19 T	Methyl tert-butyl Ether	50.000	47.251	5.5	89	0.00
20 T	Methylene Chloride	50.000	50.178	-0.4	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.922	4.2	94	0.00
22 T	Diisopropyl ether	50.000	43.388	13.2	81	0.00
23 T	Vinyl Acetate	250.000	216.881	13.2	78	0.00
24 P	1,1-Dichloroethane	50.000	44.110	11.8	87	0.00
25 T	2-Butanone	250.000	235.758	5.7	87	0.00
26 T	2,2-Dichloropropane	50.000	53.595	-7.2	108	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.629	-5.3	102	0.00
28 T	Bromochloromethane	50.000	42.584	14.8	82	0.00
29 T	Tetrahydrofuran	250.000	212.370	15.1	77	0.00
30 C	Chloroform	50.000	48.394	3.2#	95	0.00
31 T	Cyclohexane	50.000	41.557	16.9	83	0.00
32 T	1,1,1-Trichloroethane	50.000	49.293	1.4	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.344	13.3	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	52.332	-4.7	93	0.00
36 T	1,1-Dichloropropene	50.000	52.601	-5.2	93	0.00
37 T	Ethyl Acetate	50.000	49.843	0.3	91	0.00
38 T	Carbon Tetrachloride	50.000	57.483	-15.0	100	0.00
39 T	Methylcyclohexane	50.000	52.044	-4.1	87	0.00
40 TM	Benzene	50.000	51.001	-2.0	90	0.00
41 T	Methacrylonitrile	50.000	43.825	12.3	93	0.00
42 TM	1,2-Dichloroethane	50.000	50.542	-1.1	89	0.00
43 T	Isopropyl Acetate	50.000	46.447	7.1	81	0.00
44 TM	Trichloroethene	50.000	53.215	-6.4	94	0.00
45 C	1,2-Dichloropropane	50.000	50.849	-1.7#	90	0.00
46 T	Dibromomethane	50.000	52.496	-5.0	91	0.00
47 T	Bromodichloromethane	50.000	53.333	-6.7	95	0.00
48 T	Methyl methacrylate	50.000	47.998	4.0	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1094.409	-9.4	92	0.00
50 S	Toluene-d8	50.000	51.052	-2.1	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	244.209	2.3	81	0.00
52 CM	Toluene	50.000	54.020	-8.0#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	52.121	-4.2	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.038	-4.1	90	0.00
55 T	1,1,2-Trichloroethane	50.000	52.553	-5.1	92	0.00
56 T	Ethyl methacrylate	50.000	53.191	-6.4	86	0.00
57 T	1,3-Dichloropropane	50.000	51.678	-3.4	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.312	1.5	85	0.00
59 T	2-Hexanone	250.000	252.889	-1.2	82	0.00
60 T	Dibromochloromethane	50.000	55.189	-10.4	97	0.00
61 T	1,2-Dibromoethane	50.000	53.336	-6.7	94	0.00
62 S	4-Bromofluorobenzene	50.000	50.298	-0.6	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	55.689	-11.4	100	0.00
65 PM	Chlorobenzene	50.000	53.192	-6.4	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.341	-12.7	99	0.00
67 C	Ethyl Benzene	50.000	55.050	-10.1#	93	0.00
68 T	m/p-Xylenes	100.000	111.440	-11.4	95	0.00
69 T	o-Xylene	50.000	54.710	-9.4	92	0.00
70 T	Styrene	50.000	56.182	-12.4	94	0.00
71 P	Bromoform	50.000	54.641	-9.3	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	54.002	-8.0	96	0.00
74 T	N-amyl acetate	50.000	45.482	9.0	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.798	4.4	88	0.00
76 T	1,2,3-Trichloropropane	50.000	56.884	-13.8	106	0.00
77 T	Bromobenzene	50.000	54.347	-8.7	101	0.00
78 T	n-propylbenzene	50.000	52.952	-5.9	94	0.00
79 T	2-Chlorotoluene	50.000	51.575	-3.2	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.391	-8.8	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.375	1.3	85	0.00
82 T	4-Chlorotoluene	50.000	52.361	-4.7	95	0.00
83 T	tert-Butylbenzene	50.000	53.441	-6.9	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.936	-7.9	94	0.00
85 T	sec-Butylbenzene	50.000	54.494	-9.0	95	0.00
86 T	p-Isopropyltoluene	50.000	55.059	-10.1	96	0.00
87 T	1,3-Dichlorobenzene	50.000	53.559	-7.1	97	0.00
88 T	1,4-Dichlorobenzene	50.000	52.766	-5.5	97	0.00
89 T	n-Butylbenzene	50.000	53.506	-7.0	93	0.00
90 T	Hexachloroethane	50.000	54.732	-9.5	100	0.00
91 T	1,2-Dichlorobenzene	50.000	53.061	-6.1	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.614	8.8	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.887	-7.8	98	0.00
94 T	Hexachlorobutadiene	50.000	57.689	-15.4	101	0.00
95 T	Naphthalene	50.000	52.291	-4.6	89	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	50.000	53.685	-7.4	95	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6