

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069807.D
 Acq On : 22 Jul 2021 13:30
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD072221

Quant Time: Jul 23 04:59:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	45.068	9.9	104	0.00
3 P	Chloromethane	50.000	45.302	9.4	105	0.00
4 C	Vinyl Chloride	50.000	46.943	6.1#	104	0.00
5 T	Bromomethane	50.000	55.461	-10.9	118	0.00
6 T	Chloroethane	50.000	47.252	5.5	104	0.00
7 T	Trichlorofluoromethane	50.000	46.540	6.9	104	0.00
8 T	Diethyl Ether	50.000	52.521	-5.0	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.528	4.9	108	0.00
10 T	Methyl Iodide	50.000	43.029	13.9	91	0.00
11 T	Tert butyl alcohol	250.000	241.636	3.3	114	0.00
12 CM	1,1-Dichloroethene	50.000	49.735	0.5#	106	0.00
13 T	Acrolein	250.000	247.479	1.0	110	0.00
14 T	Allyl chloride	50.000	53.031	-6.1	111	0.00
15 T	Acrylonitrile	250.000	255.001	-2.0	111	0.00
16 T	Acetone	250.000	221.295	11.5	91	0.00
17 T	Carbon Disulfide	50.000	48.395	3.2	105	0.00
18 T	Methyl Acetate	50.000	47.359	5.3	112	0.00
19 T	Methyl tert-butyl Ether	50.000	54.177	-8.4	113	0.00
20 T	Methylene Chloride	50.000	50.226	-0.5	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.211	-0.4	106	0.00
22 T	Diisopropyl ether	50.000	54.211	-8.4	110	0.00
23 T	Vinyl Acetate	250.000	252.169	-0.9	114	0.00
24 P	1,1-Dichloroethane	50.000	49.432	1.1	108	0.00
25 T	2-Butanone	250.000	264.623	-5.8	112	0.00
26 T	2,2-Dichloropropane	50.000	48.813	2.4	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.392	-2.8	110	0.00
28 T	Bromochloromethane	50.000	49.785	0.4	105	0.00
29 T	Tetrahydrofuran	250.000	275.734	-10.3	114	0.00
30 C	Chloroform	50.000	48.314	3.4#	107	0.00
31 T	Cyclohexane	50.000	49.164	1.7	108	0.00
32 T	1,1,1-Trichloroethane	50.000	48.864	2.3	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.151	9.7	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	46.677	6.6	102	0.00
36 T	1,1-Dichloropropene	50.000	49.736	0.5	106	0.00
37 T	Ethyl Acetate	50.000	50.749	-1.5	110	0.00
38 T	Carbon Tetrachloride	50.000	49.451	1.1	107	0.00
39 T	Methylcyclohexane	50.000	53.047	-6.1	108	0.00
40 TM	Benzene	50.000	49.765	0.5	107	0.00
41 T	Methacrylonitrile	50.000	51.321	-2.6	115	0.00
42 TM	1,2-Dichloroethane	50.000	48.541	2.9	106	0.00
43 T	Isopropyl Acetate	50.000	53.453	-6.9	116	0.00
44 TM	Trichloroethene	50.000	48.110	3.8	106	0.00
45 C	1,2-Dichloropropane	50.000	49.960	0.1#	110	0.00
46 T	Dibromomethane	50.000	49.191	1.6	108	0.00
47 T	Bromodichloromethane	50.000	49.556	0.9	108	0.00
48 T	Methyl methacrylate	50.000	45.981	8.0	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1095.670	-9.6	120	0.00
50 S	Toluene-d8	50.000	47.612	4.8	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	272.374	-8.9	113	0.00
52 CM	Toluene	50.000	51.673	-3.3#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	51.162	-2.3	112	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.415	-0.8	111	0.00
55 T	1,1,2-Trichloroethane	50.000	48.090	3.8	107	0.00
56 T	Ethyl methacrylate	50.000	48.815	2.4	114	0.00
57 T	1,3-Dichloropropane	50.000	50.413	-0.8	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	245.465	1.8	110	0.00
59 T	2-Hexanone	250.000	273.035	-9.2	110	0.00
60 T	Dibromochloromethane	50.000	49.441	1.1	108	0.00
61 T	1,2-Dibromoethane	50.000	50.442	-0.9	110	0.00
62 S	4-Bromofluorobenzene	50.000	48.849	2.3	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	49.137	1.7	106	0.00
65 PM	Chlorobenzene	50.000	50.151	-0.3	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.226	1.5	107	0.00
67 C	Ethyl Benzene	50.000	53.050	-6.1#	109	0.00
68 T	m/p-Xylenes	100.000	105.358	-5.4	107	0.00
69 T	o-Xylene	50.000	53.641	-7.3	111	0.00
70 T	Styrene	50.000	54.553	-9.1	110	0.00
71 P	Bromoform	50.000	49.335	1.3	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	54.744	-9.5	110	0.00
74 T	N-amyl acetate	50.000	55.585	-11.2	115	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.277	1.4	109	0.00
76 T	1,2,3-Trichloropropane	50.000	44.606	10.8	106	0.00
77 T	Bromobenzene	50.000	50.608	-1.2	108	0.00
78 T	n-propylbenzene	50.000	54.026	-8.1	108	0.00
79 T	2-Chlorotoluene	50.000	52.644	-5.3	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.557	-9.1	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.539	-7.1	111	0.00
82 T	4-Chlorotoluene	50.000	52.537	-5.1	108	0.00
83 T	tert-Butylbenzene	50.000	54.837	-9.7	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.779	-9.6	110	0.00
85 T	sec-Butylbenzene	50.000	54.479	-9.0	110	0.00
86 T	p-Isopropyltoluene	50.000	54.506	-9.0	109	0.00
87 T	1,3-Dichlorobenzene	50.000	50.551	-1.1	109	0.00
88 T	1,4-Dichlorobenzene	50.000	49.875	0.3	110	0.00
89 T	n-Butylbenzene	50.000	54.487	-9.0	110	0.00
90 T	Hexachloroethane	50.000	49.550	0.9	108	0.00
91 T	1,2-Dichlorobenzene	50.000	50.199	-0.4	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.080	-0.2	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.039	-8.1	114	0.00
94 T	Hexachlorobutadiene	50.000	52.243	-4.5	110	0.00
95 T	Naphthalene	50.000	48.271	3.5	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.755	-9.5	114	0.00

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