

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080122\
 Data File : VD073915.D
 Acq On : 01 Aug 2022 15:13
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080122

Quant Time: Aug 02 05:32:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	50.474	-0.9	100	0.00
3 P	Chloromethane	50.000	51.082	-2.2	102	0.00
4 C	Vinyl Chloride	50.000	53.346	-6.7#	99	0.00
5 T	Bromomethane	50.000	52.672	-5.3	106	0.00
6 T	Chloroethane	50.000	52.876	-5.8	102	0.00
7 T	Trichlorofluoromethane	50.000	51.277	-2.6	103	0.00
8 T	Diethyl Ether	50.000	52.370	-4.7	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.784	2.4	102	0.00
10 T	Methyl Iodide	50.000	53.206	-6.4	96	0.00
11 T	Tert butyl alcohol	250.000	256.446	-2.6	107	0.01
12 CM	1,1-Dichloroethene	50.000	51.684	-3.4#	102	0.00
13 T	Acrolein	250.000	277.675	-11.1	104	0.00
14 T	Allyl chloride	50.000	51.801	-3.6	100	0.00
15 T	Acrylonitrile	250.000	250.772	-0.3	103	0.00
16 T	Acetone	250.000	246.825	1.3	97	0.00
17 T	Carbon Disulfide	50.000	52.717	-5.4	101	0.00
18 T	Methyl Acetate	50.000	49.370	1.3	97	0.00
19 T	Methyl tert-butyl Ether	50.000	52.121	-4.2	104	0.00
20 T	Methylene Chloride	50.000	55.482	-11.0	113	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.183	-2.4	100	0.00
22 T	Diisopropyl ether	50.000	52.743	-5.5	105	0.00
23 T	Vinyl Acetate	250.000	278.933	-11.6	105	0.00
24 P	1,1-Dichloroethane	50.000	50.638	-1.3	101	0.00
25 T	2-Butanone	250.000	251.507	-0.6	98	0.00
26 T	2,2-Dichloropropane	50.000	49.559	0.9	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.344	-0.7	101	0.00
28 T	Bromochloromethane	50.000	51.455	-2.9	102	0.00
29 T	Tetrahydrofuran	250.000	254.599	-1.8	102	0.00
30 C	Chloroform	50.000	49.721	0.6#	100	0.00
31 T	Cyclohexane	50.000	49.203	1.6	100	0.00
32 T	1,1,1-Trichloroethane	50.000	50.321	-0.6	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.564	-1.1	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	46.083	7.8	108	0.00
36 T	1,1-Dichloropropene	50.000	51.494	-3.0	102	0.00
37 T	Ethyl Acetate	50.000	49.262	1.5	108	0.00
38 T	Carbon Tetrachloride	50.000	51.043	-2.1	102	0.00
39 T	Methylcyclohexane	50.000	52.246	-4.5	102	0.00
40 TM	Benzene	50.000	51.072	-2.1	102	0.00
41 T	Methacrylonitrile	50.000	49.338	1.3	104	0.00
42 TM	1,2-Dichloroethane	50.000	49.703	0.6	101	0.00
43 T	Isopropyl Acetate	50.000	51.278	-2.6	105	0.00
44 TM	Trichloroethene	50.000	49.745	0.5	102	0.00
45 C	1,2-Dichloropropane	50.000	49.613	0.8#	100	0.00
46 T	Dibromomethane	50.000	49.668	0.7	100	0.00
47 T	Bromodichloromethane	50.000	49.771	0.5	102	0.00
48 T	Methyl methacrylate	50.000	52.821	-5.6	105	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	1015.752	-1.6	109	0.01
50 S	Toluene-d8	50.000	44.167	11.7	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.264	-0.5	103	0.00
52 CM	Toluene	50.000	51.261	-2.5#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	51.204	-2.4	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.256	-2.5	104	0.00
55 T	1,1,2-Trichloroethane	50.000	49.882	0.2	102	0.00
56 T	Ethyl methacrylate	50.000	50.380	-0.8	101	0.00
57 T	1,3-Dichloropropane	50.000	50.950	-1.9	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.441	-9.4	108	0.00
59 T	2-Hexanone	250.000	261.894	-4.8	102	0.00
60 T	Dibromochloromethane	50.000	50.686	-1.4	105	0.00
61 T	1,2-Dibromoethane	50.000	50.554	-1.1	102	0.00
62 S	4-Bromofluorobenzene	50.000	48.323	3.4	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	47.449	5.1	101	0.00
65 PM	Chlorobenzene	50.000	50.535	-1.1	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.450	1.1	100	0.00
67 C	Ethyl Benzene	50.000	50.981	-2.0#	100	0.00
68 T	m/p-Xylenes	100.000	105.752	-5.8	102	0.00
69 T	o-Xylene	50.000	52.237	-4.5	103	0.00
70 T	Styrene	50.000	53.271	-6.5	104	0.00
71 P	Bromoform	50.000	50.539	-1.1	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	50.273	-0.5	102	0.00
74 T	N-amyl acetate	50.000	50.276	-0.6	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.938	4.1	104	0.00
76 T	1,2,3-Trichloropropane	50.000	59.067	-18.1	118	0.00
77 T	Bromobenzene	50.000	50.849	-1.7	105	0.00
78 T	n-propylbenzene	50.000	50.183	-0.4	102	0.00
79 T	2-Chlorotoluene	50.000	50.213	-0.4	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.198	-2.4	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.475	-3.0	101	0.00
82 T	4-Chlorotoluene	50.000	50.112	-0.2	102	0.00
83 T	tert-Butylbenzene	50.000	51.118	-2.2	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.878	-1.8	103	0.00
85 T	sec-Butylbenzene	50.000	50.086	-0.2	101	0.00
86 T	p-Isopropyltoluene	50.000	51.239	-2.5	103	0.00
87 T	1,3-Dichlorobenzene	50.000	49.369	1.3	102	0.00
88 T	1,4-Dichlorobenzene	50.000	50.338	-0.7	104	0.00
89 T	n-Butylbenzene	50.000	51.291	-2.6	104	0.00
90 T	Hexachloroethane	50.000	51.783	-3.6	106	0.00
91 T	1,2-Dichlorobenzene	50.000	50.070	-0.1	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.247	-0.5	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.760	2.5	105	0.00
94 T	Hexachlorobutadiene	50.000	47.502	5.0	102	0.00
95 T	Naphthalene	50.000	49.876	0.2	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.082	1.8	109	0.00

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