

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078580.D
 Acq On : 01 Mar 2024 15:48
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD030124

Quant Time: Mar 02 03:58:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 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	53.033	-6.1	103	0.00
3 P	Chloromethane	50.000	59.511	-19.0	109	0.00
4 C	Vinyl Chloride	50.000	50.789	-1.6#	105	0.00
5 T	Bromomethane	50.000	46.982	6.0	104	0.00
6 T	Chloroethane	50.000	49.868	0.3	105	0.00
7 T	Trichlorofluoromethane	50.000	51.291	-2.6	110	0.00
8 T	Diethyl Ether	50.000	51.885	-3.8	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.514	-1.0	108	0.00
10 T	Methyl Iodide	50.000	48.285	3.4	92	0.00
11 T	Tert butyl alcohol	250.000	251.168	-0.5	109	0.00
12 CM	1,1-Dichloroethene	50.000	52.282	-4.6#	106	0.00
13 T	Acrolein	250.000	243.226	2.7	93	0.00
14 T	Allyl chloride	50.000	50.702	-1.4	103	0.00
15 T	Acrylonitrile	250.000	251.264	-0.5	106	0.00
16 T	Acetone	250.000	242.474	3.0	104	0.00
17 T	Carbon Disulfide	50.000	50.778	-1.6	105	0.00
18 T	Methyl Acetate	50.000	54.425	-8.8	99	0.00
19 T	Methyl tert-butyl Ether	50.000	51.679	-3.4	106	-0.01
20 T	Methylene Chloride	50.000	56.519	-13.0	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.536	-1.1	103	0.00
22 T	Diisopropyl ether	50.000	53.260	-6.5	106	0.00
23 T	Vinyl Acetate	250.000	265.575	-6.2	106	0.00
24 P	1,1-Dichloroethane	50.000	50.214	-0.4	102	0.00
25 T	2-Butanone	250.000	244.776	2.1	104	0.00
26 T	2,2-Dichloropropane	50.000	51.802	-3.6	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.836	-3.7	106	0.00
28 T	Bromochloromethane	50.000	54.011	-8.0	102	0.00
29 T	Tetrahydrofuran	250.000	265.478	-6.2	109	0.00
30 C	Chloroform	50.000	51.065	-2.1#	105	0.00
31 T	Cyclohexane	50.000	50.542	-1.1	106	0.00
32 T	1,1,1-Trichloroethane	50.000	51.832	-3.7	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.865	8.3	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	46.392	7.2	98	0.00
36 T	1,1-Dichloropropene	50.000	53.574	-7.1	109	0.00
37 T	Ethyl Acetate	50.000	50.416	-0.8	103	0.00
38 T	Carbon Tetrachloride	50.000	51.041	-2.1	107	0.00
39 T	Methylcyclohexane	50.000	51.648	-3.3	99	0.00
40 TM	Benzene	50.000	52.012	-4.0	106	0.00
41 T	Methacrylonitrile	50.000	54.989	-10.0	108	0.00
42 TM	1,2-Dichloroethane	50.000	49.007	2.0	104	0.00
43 T	Isopropyl Acetate	50.000	47.752	4.5	104	0.00
44 TM	Trichloroethene	50.000	51.506	-3.0	109	0.00
45 C	1,2-Dichloropropane	50.000	51.484	-3.0#	106	0.00
46 T	Dibromomethane	50.000	52.202	-4.4	108	0.00
47 T	Bromodichloromethane	50.000	50.704	-1.4	106	0.00
48 T	Methyl methacrylate	50.000	54.765	-9.5	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	957.224	4.3	106	0.00
50 S	Toluene-d8	50.000	48.529	2.9	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.580	-2.6	107	0.00
52 CM	Toluene	50.000	53.335	-6.7#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	52.545	-5.1	110	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.884	-1.8	105	0.00
55 T	1,1,2-Trichloroethane	50.000	49.647	0.7	107	0.00
56 T	Ethyl methacrylate	50.000	53.361	-6.7	108	0.00
57 T	1,3-Dichloropropane	50.000	51.131	-2.3	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	316.209	-26.5#	137	0.00
59 T	2-Hexanone	250.000	254.855	-1.9	107	0.00
60 T	Dibromochloromethane	50.000	50.742	-1.5	104	0.00
61 T	1,2-Dibromoethane	50.000	51.720	-3.4	107	0.00
62 S	4-Bromofluorobenzene	50.000	48.208	3.6	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	52.826	-5.7	105	0.00
65 PM	Chlorobenzene	50.000	52.009	-4.0	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.335	-0.7	105	0.00
67 C	Ethyl Benzene	50.000	54.018	-8.0#	106	0.00
68 T	m/p-Xylenes	100.000	106.265	-6.3	102	0.00
69 T	o-Xylene	50.000	53.702	-7.4	104	0.00
70 T	Styrene	50.000	54.581	-9.2	104	0.00
71 P	Bromoform	50.000	50.102	-0.2	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	51.979	-4.0	101	0.00
74 T	N-ethyl acetate	50.000	51.078	-2.2	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.243	5.5	104	0.00
76 T	1,2,3-Trichloropropane	50.000	49.537	0.9	107	0.00
77 T	Bromobenzene	50.000	51.425	-2.8	104	0.00
78 T	n-propylbenzene	50.000	53.372	-6.7	104	0.00
79 T	2-Chlorotoluene	50.000	52.308	-4.6	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.208	-8.4	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.602	-7.2	116	0.00
82 T	4-Chlorotoluene	50.000	50.677	-1.4	100	0.00
83 T	tert-Butylbenzene	50.000	53.517	-7.0	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.770	-5.5	100	0.00
85 T	sec-Butylbenzene	50.000	52.364	-4.7	98	0.00
86 T	p-Isopropyltoluene	50.000	53.859	-7.7	100	0.00
87 T	1,3-Dichlorobenzene	50.000	51.942	-3.9	104	0.00
88 T	1,4-Dichlorobenzene	50.000	50.100	-0.2	104	0.00
89 T	n-Butylbenzene	50.000	52.286	-4.6	99	0.00
90 T	Hexachloroethane	50.000	50.722	-1.4	100	0.00
91 T	1,2-Dichlorobenzene	50.000	50.259	-0.5	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.445	13.1	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.239	-2.5	102	0.00
94 T	Hexachlorobutadiene	50.000	49.331	1.3	97	0.00
95 T	Naphthalene	50.000	51.939	-3.9	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.422	-0.8	101	0.00

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