

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX013023\  
 Data File : VX033956.D  
 Acq On : 30 Jan 2023 19:56  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampled :  
 VSTDCCC050

Quant Time: Jan 31 04:52:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 11 14:48:42 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	42.323	15.4	73	0.00
3 P	Chloromethane	50.000	46.501	7.0	72	0.00
4 C	Vinyl Chloride	50.000	49.473	1.1#	76	0.00
5 T	Bromomethane	50.000	40.747	18.5	75	0.00
6 T	Chloroethane	50.000	48.384	3.2	83	0.00
7 T	Trichlorofluoromethane	50.000	47.679	4.6	82	0.00
8 T	Diethyl Ether	50.000	58.696	-17.4	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.079	-4.2	118	0.00
10 T	Methyl Iodide	50.000	52.837	-5.7	119	0.00
11 T	Tert butyl alcohol	250.000	257.418	-3.0	93	-0.06
12 CM	1,1-Dichloroethene	50.000	48.016	4.0#	116	0.00
13 T	Acrolein	250.000	322.095	-28.8#	140	0.00
14 T	Allyl chloride	50.000	45.656	8.7	98	0.00
15 T	Acrylonitrile	250.000	255.406	-2.2	88	0.00
16 T	Acetone	250.000	266.732	-6.7	107	-0.02
17 T	Carbon Disulfide	50.000	36.511	27.0#	83	0.00
18 T	Methyl Acetate	50.000	51.609	-3.2	91	0.00
19 T	Methyl tert-butyl Ether	50.000	48.166	3.7	84	0.00
20 T	Methylene Chloride	50.000	49.909	0.2	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.358	11.3	79	0.00
22 T	Diisopropyl ether	50.000	46.896	6.2	82	0.00
23 T	Vinyl Acetate	250.000	236.869	5.3	80	0.00
24 P	1,1-Dichloroethane	50.000	47.079	5.8	83	0.00
25 T	2-Butanone	250.000	240.510	3.8	85	-0.02
26 T	2,2-Dichloropropane	50.000	44.057	11.9	77	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.919	4.2	84	0.00
28 T	Bromochloromethane	50.000	42.146	15.7	75	0.00
29 T	Tetrahydrofuran	250.000	250.442	-0.2	87	-0.01
30 C	Chloroform	50.000	47.210	5.6#	83	0.00
31 T	Cyclohexane	50.000	42.681	14.6	73	0.00
32 T	1,1,1-Trichloroethane	50.000	46.251	7.5	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.033	7.9	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	51.255	-2.5	91	0.00
36 T	1,1-Dichloropropene	50.000	45.043	9.9	77	0.00
37 T	Ethyl Acetate	50.000	51.963	-3.9	84	0.00
38 T	Carbon Tetrachloride	50.000	45.760	8.5	77	0.00
39 T	Methylcyclohexane	50.000	44.230	11.5	76	0.00
40 TM	Benzene	50.000	47.571	4.9	81	0.00
41 T	Methacrylonitrile	50.000	53.066	-6.1	87	0.00
42 TM	1,2-Dichloroethane	50.000	46.690	6.6	80	0.00
43 T	Isopropyl Acetate	50.000	49.768	0.5	84	0.00
44 TM	Trichloroethene	50.000	51.004	-2.0	87	0.00
45 C	1,2-Dichloropropane	50.000	49.613	0.8#	84	0.00
46 T	Dibromomethane	50.000	49.655	0.7	85	0.00
47 T	Bromodichloromethane	50.000	49.036	1.9	81	0.00
48 T	Methyl methacrylate	50.000	50.573	-1.1	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1045.904	-4.6	86	-0.07
50 S	Toluene-d8	50.000	49.983	0.0	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	263.833	-5.5	86	0.00
52 CM	Toluene	50.000	49.029	1.9#	83	0.00
53 T	t-1,3-Dichloropropene	50.000	49.396	1.2	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.309	-0.6	81	0.00
55 T	1,1,2-Trichloroethane	50.000	52.267	-4.5	89	0.00
56 T	Ethyl methacrylate	50.000	54.143	-8.3	86	0.00
57 T	1,3-Dichloropropane	50.000	52.000	-4.0	85	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	256.126	-2.5	85	0.00
59 T	2-Hexanone	250.000	279.881	-12.0	87	0.00
60 T	Dibromochloromethane	50.000	53.222	-6.4	84	0.00
61 T	1,2-Dibromoethane	50.000	53.919	-7.8	84	0.00
62 S	4-Bromofluorobenzene	50.000	50.547	-1.1	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	54.556	-9.1	86	0.00
65 PM	Chlorobenzene	50.000	50.859	-1.7	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.172	-4.3	85	0.00
67 C	Ethyl Benzene	50.000	50.070	-0.1#	82	0.00
68 T	m/p-Xylenes	100.000	102.088	-2.1	83	0.00
69 T	o-Xylene	50.000	51.260	-2.5	83	0.00
70 T	Styrene	50.000	53.400	-6.8	84	0.00
71 P	Bromoform	50.000	52.028	-4.1	83	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	52.422	-4.8	85	0.00
74 T	N-amyl acetate	50.000	48.999	2.0	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.244	-12.5	89	0.00
76 T	1,2,3-Trichloropropane	50.000	46.914	6.2	89	0.00
77 T	Bromobenzene	50.000	53.906	-7.8	87	0.00
78 T	n-propylbenzene	50.000	46.601	6.8	82	0.00
79 T	2-Chlorotoluene	50.000	52.173	-4.3	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.235	5.5	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.751	2.5	82	0.00
82 T	4-Chlorotoluene	50.000	51.631	-3.3	82	0.00
83 T	tert-Butylbenzene	50.000	49.589	0.8	84	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.108	-0.2	83	0.00
85 T	sec-Butylbenzene	50.000	50.001	-0.0	82	0.00
86 T	p-Isopropyltoluene	50.000	50.996	-2.0	83	0.00
87 T	1,3-Dichlorobenzene	50.000	50.533	-1.1	85	0.00
88 T	1,4-Dichlorobenzene	50.000	49.582	0.8	85	0.00
89 T	n-Butylbenzene	50.000	49.693	0.6	81	0.00
90 T	Hexachloroethane	50.000	47.132	5.7	76	0.00
91 T	1,2-Dichlorobenzene	50.000	51.532	-3.1	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.971	0.1	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.376	-8.8	86	0.00
94 T	Hexachlorobutadiene	50.000	50.997	-2.0	85	0.00
95 T	Naphthalene	50.000	56.458	-12.9	91	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	50.000	54.846	-9.7	89	0.00

(#) = Out of Range

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