

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050123\  
 Data File : VX035464.D  
 Acq On : 02 May 2023 01:36  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampled :  
 VSTDCCC050

Quant Time: May 02 02:45:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 16:31:40 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	42.364	15.3	68	0.00
3 P	Chloromethane	50.000	43.029	13.9	73	0.00
4 C	Vinyl Chloride	50.000	43.296	13.4#	73	0.00
5 T	Bromomethane	50.000	41.072	17.9	69	0.00
6 T	Chloroethane	50.000	42.863	14.3	73	0.00
7 T	Trichlorofluoromethane	50.000	42.882	14.2	74	0.00
8 T	Diethyl Ether	50.000	46.941	6.1	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	39.938	20.1	68	0.00
10 T	Methyl Iodide	50.000	39.442	21.1	63	0.00
11 T	Tert butyl alcohol	250.000	250.398	-0.2	80	-0.02
12 CM	1,1-Dichloroethene	50.000	43.583	12.8#	75	0.00
13 T	Acrolein	250.000	259.820	-3.9	85	0.00
14 T	Allyl chloride	50.000	45.400	9.2	76	0.00
15 T	Acrylonitrile	250.000	249.387	0.2	83	0.00
16 T	Acetone	250.000	215.137	13.9	74	0.00
17 T	Carbon Disulfide	50.000	41.447	17.1	68	0.00
18 T	Methyl Acetate	50.000	51.319	-2.6	85	0.00
19 T	Methyl tert-butyl Ether	50.000	52.148	-4.3	87	0.00
20 T	Methylene Chloride	50.000	45.113	9.8	84	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.052	7.9	79	0.00
22 T	Diisopropyl ether	50.000	49.357	1.3	83	0.00
23 T	Vinyl Acetate	250.000	259.050	-3.6	83	0.00
24 P	1,1-Dichloroethane	50.000	49.435	1.1	83	0.00
25 T	2-Butanone	250.000	238.173	4.7	79	0.00
26 T	2,2-Dichloropropane	50.000	41.107	17.8	67	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.792	2.4	84	0.00
28 T	Bromochloromethane	50.000	53.303	-6.6	87	0.00
29 T	Tetrahydrofuran	250.000	245.318	1.9	82	0.00
30 C	Chloroform	50.000	51.547	-3.1#	86	0.00
31 T	Cyclohexane	50.000	40.499	19.0	67	0.00
32 T	1,1,1-Trichloroethane	50.000	49.324	1.4	81	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.522	11.0	75	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	43.057	13.9	76	0.00
36 T	1,1-Dichloropropene	50.000	41.945	16.1	78	0.00
37 T	Ethyl Acetate	50.000	47.847	4.3	82	0.00
38 T	Carbon Tetrachloride	50.000	44.777	10.4	78	0.00
39 T	Methylcyclohexane	50.000	35.397	29.2#	63	0.00
40 TM	Benzene	50.000	45.842	8.3	83	0.00
41 T	Methacrylonitrile	50.000	49.703	0.6	86	0.00
42 TM	1,2-Dichloroethane	50.000	47.930	4.1	86	0.00
43 T	Isopropyl Acetate	50.000	50.601	-1.2	88	0.00
44 TM	Trichloroethene	50.000	45.690	8.6	83	0.00
45 C	1,2-Dichloropropane	50.000	48.438	3.1#	87	0.00
46 T	Dibromomethane	50.000	49.276	1.4	89	0.00
47 T	Bromodichloromethane	50.000	50.419	-0.8	86	0.00
48 T	Methyl methacrylate	50.000	51.223	-2.4	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	926.276	7.4	83	0.00
50 S	Toluene-d8	50.000	40.981	18.0	72	0.00
51 T	4-Methyl-2-Pentanone	250.000	246.461	1.4	87	0.00
52 CM	Toluene	50.000	46.684	6.6#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	52.928	-5.9	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.896	-1.8	85	0.00
55 T	1,1,2-Trichloroethane	50.000	48.993	2.0	88	0.00
56 T	Ethyl methacrylate	50.000	51.779	-3.6	90	0.00
57 T	1,3-Dichloropropane	50.000	48.518	3.0	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.134	-4.5	88	0.00
59 T	2-Hexanone	250.000	242.100	3.2	84	0.00
60 T	Dibromochloromethane	50.000	53.756	-7.5	90	0.00
61 T	1,2-Dibromoethane	50.000	49.933	0.1	88	0.00
62 S	4-Bromofluorobenzene	50.000	42.145	15.7	75	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	42.311	15.4	79	0.00
65 PM	Chlorobenzene	50.000	46.081	7.8	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.676	-1.4	89	0.00
67 C	Ethyl Benzene	50.000	46.037	7.9#	82	0.00
68 T	m/p-Xylenes	100.000	92.883	7.1	83	0.00
69 T	o-Xylene	50.000	47.258	5.5	84	0.00
70 T	Styrene	50.000	48.653	2.7	85	0.00
71 P	Bromoform	50.000	55.087	-10.2	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	47.274	5.5	81	0.00
74 T	N-amyl acetate	50.000	53.683	-7.4	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.392	-0.8	87	0.00
76 T	1,2,3-Trichloropropane	50.000	47.380	5.2	87	0.00
77 T	Bromobenzene	50.000	49.629	0.7	85	0.00
78 T	n-propylbenzene	50.000	45.480	9.0	77	0.00
79 T	2-Chlorotoluene	50.000	46.237	7.5	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.239	5.5	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.564	-1.1	82	0.00
82 T	4-Chlorotoluene	50.000	47.286	5.4	82	0.00
83 T	tert-Butylbenzene	50.000	45.776	8.4	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.663	4.7	81	0.00
85 T	sec-Butylbenzene	50.000	42.493	15.0	72	0.00
86 T	p-Isopropyltoluene	50.000	43.309	13.4	73	0.00
87 T	1,3-Dichlorobenzene	50.000	46.968	6.1	82	0.00
88 T	1,4-Dichlorobenzene	50.000	45.414	9.2	82	0.00
89 T	n-Butylbenzene	50.000	40.315	19.4	67	0.00
90 T	Hexachloroethane	50.000	46.984	6.0	75	0.00
91 T	1,2-Dichlorobenzene	50.000	47.179	5.6	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.339	-4.7	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.593	10.8	77	0.00
94 T	Hexachlorobutadiene	50.000	35.539	28.9#	63	0.00
95 T	Naphthalene	50.000	51.488	-3.0	86	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	50.000	44.209	11.6	78	0.00

(#) = Out of Range

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