

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX092718\
 Data File : VX004788.D
 Acq On : 27 Sep 2018 21:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 28 07:44:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	78	0.00
2 T	Dichlorodifluoromethane	50.000	62.139	-24.3#	82	0.00
3 P	Chloromethane	50.000	54.753	-9.5	80	0.00
4 C	Vinyl Chloride	50.000	57.855	-15.7#	84	0.00
5 T	Bromomethane	50.000	44.989	10.0	68	0.00
6 T	Chloroethane	50.000	61.233	-22.5#	88	0.00
7 T	Trichlorofluoromethane	50.000	58.525	-17.0	82	0.00
8 T	Diethyl Ether	50.000	54.370	-8.7	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.752	-13.5	91	0.00
10 T	Methyl Iodide	50.000	27.047	45.9#	36	0.00
11 T	Tert butyl alcohol	250.000	262.739	-5.1	81	0.00
12 CM	1,1-Dichloroethene	50.000	55.431	-10.9#	89	0.00
13 T	Acrolein	250.000	126.383	49.4#	40	0.00
14 T	Allyl chloride	50.000	56.840	-13.7	86	0.00
15 T	Acrylonitrile	250.000	275.973	-10.4	82	0.00
16 T	Acetone	250.000	266.451	-6.6	80	0.00
17 T	Carbon Disulfide	50.000	55.470	-10.9	84	0.00
18 T	Methyl Acetate	50.000	57.894	-15.8	90	0.00
19 T	Methyl tert-butyl Ether	50.000	58.586	-17.2	92	0.00
20 T	Methylene Chloride	50.000	59.430	-18.9	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.731	-9.5	82	0.00
22 T	Diisopropyl ether	50.000	58.012	-16.0	87	0.00
23 T	Vinyl Acetate	250.000	276.559	-10.6	80	0.00
24 P	1,1-Dichloroethane	50.000	51.945	-3.9	77	0.00
25 T	2-Butanone	250.000	268.095	-7.2	81	0.00
26 T	2,2-Dichloropropane	50.000	49.415	1.2	77	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.349	-6.7	80	0.00
28 T	Bromochloromethane	50.000	52.936	-5.9	85	0.00
29 T	Tetrahydrofuran	250.000	282.656	-13.1	82	0.00
30 C	Chloroform	50.000	53.181	-6.4#	86	0.00
31 T	Cyclohexane	50.000	60.967	-21.9#	85	0.00
32 T	1,1,1-Trichloroethane	50.000	56.189	-12.4	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.310	-2.6	75	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	47.182	5.6	72	0.00
36 T	1,1-Dichloropropene	50.000	52.110	-4.2	85	0.00
37 T	Ethyl Acetate	50.000	51.471	-2.9	82	0.00
38 T	Carbon Tetrachloride	50.000	49.640	0.7	81	0.00
39 T	Methylcyclohexane	50.000	60.749	-21.5#	99	0.00
40 TM	Benzene	50.000	50.568	-1.1	84	0.00
41 T	Methacrylonitrile	50.000	52.078	-4.2	80	0.00
42 TM	1,2-Dichloroethane	50.000	50.368	-0.7	83	0.00
43 T	Isopropyl Acetate	50.000	53.314	-6.6	79	0.00
44 TM	Trichloroethene	50.000	53.956	-7.9	95	0.00
45 C	1,2-Dichloropropane	50.000	56.187	-12.4#	96	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	55.851	-11.7	96	0.00
47 T	Bromodichloromethane	50.000	57.477	-15.0	97	0.00
48 T	Methyl methacrylate	50.000	61.956	-23.9#	97	0.00
49 T	1,4-Dioxane	1000.000	1061.133	-6.1	82	0.00
50 S	Toluene-d8	50.000	54.330	-8.7	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	300.985	-20.4#	96	0.00
52 CM	Toluene	50.000	57.439	-14.9#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	57.325	-14.7	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	59.140	-18.3	96	0.00
55 T	1,1,2-Trichloroethane	50.000	54.154	-8.3	86	0.00
56 T	Ethyl methacrylate	50.000	53.590	-7.2	92	0.00
57 T	1,3-Dichloropropane	50.000	55.127	-10.3	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.825	-8.7	92	0.00
59 T	2-Hexanone	250.000	286.198	-14.5	85	0.00
60 T	Dibromochloromethane	50.000	55.653	-11.3	81	0.00
61 T	1,2-Dibromoethane	50.000	52.481	-5.0	79	0.00
62 S	4-Bromofluorobenzene	50.000	56.174	-12.3	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	52.098	-4.2	88	0.00
65 PM	Chlorobenzene	50.000	51.615	-3.2	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.919	-5.8	93	0.00
67 C	Ethyl Benzene	50.000	55.685	-11.4#	97	0.00
68 T	m/p-Xylenes	100.000	111.194	-11.2	92	0.00
69 T	o-Xylene	50.000	58.107	-16.2	98	0.00
70 T	Styrene	50.000	52.578	-5.2	97	0.00
71 P	Bromoform	50.000	53.582	-7.2	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	57.695	-15.4	98	0.00
74 T	N-amyl acetate	50.000	53.432	-6.9	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.073	-2.1	98	0.00
76 T	1,2,3-Trichloropropane	50.000	53.795	-7.6	98	0.00
77 T	Bromobenzene	50.000	53.747	-7.5	97	0.00
78 T	n-propylbenzene	50.000	58.285	-16.6	98	0.00
79 T	2-Chlorotoluene	50.000	55.930	-11.9	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.138	-8.3	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.293	7.4	93	0.00
82 T	4-Chlorotoluene	50.000	56.528	-13.1	98	0.00
83 T	tert-Butylbenzene	50.000	58.311	-16.6	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.469	-8.9	98	0.00
85 T	sec-Butylbenzene	50.000	58.357	-16.7	99	0.00
86 T	p-Isopropyltoluene	50.000	58.009	-16.0	98	0.00
87 T	1,3-Dichlorobenzene	50.000	53.016	-6.0	97	0.00
88 T	1,4-Dichlorobenzene	50.000	52.001	-4.0	97	0.00
89 T	n-Butylbenzene	50.000	57.194	-14.4	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.937	-11.9	106	0.00
91 T	1,2-Dichlorobenzene	50.000	51.467	-2.9	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.074	-8.1	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.595	-9.2	97	0.00
94 T	Hexachlorobutadiene	50.000	50.677	-1.4	98	0.00
95 T	Naphthalene	50.000	53.261	-6.5	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.361	-8.7	97	0.00

(#) = Out of Range

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