

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029193.D
 Acq On : 15 Jan 2019 18:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 16 06:53:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 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	84	0.00
2 T	Dichlorodifluoromethane	50.000	27.977	44.0#	47	0.00
3 P	Chloromethane	50.000	26.683	46.6#	45	0.00
4 C	Vinyl Chloride	50.000	30.097	39.8#	51	0.00
5 T	Bromomethane	50.000	30.843	38.3#	50	0.00
6 T	Chloroethane	50.000	29.868	40.3#	52	0.00
7 T	Trichlorofluoromethane	50.000	30.565	38.9#	52	0.00
8 T	Diethyl Ether	50.000	30.824	38.4#	51	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	29.122	41.8#	55	0.00
10 T	Methyl Iodide	50.000	32.195	35.6#	55	0.00
11 T	Tert butyl alcohol	250.000	175.782	29.7#	61	0.00
12 CM	1,1-Dichloroethene	50.000	28.492	43.0#	53	0.00
13 T	Acrolein	250.000	255.582	-2.2	89	0.00
14 T	Allyl chloride	50.000	29.483	41.0#	48	0.00
15 T	Acrylonitrile	250.000	172.897	30.8#	57	0.00
16 T	Acetone	250.000	143.528	42.6#	51	0.00
17 T	Carbon Disulfide	50.000	26.820	46.4#	46	0.00
18 T	Methyl Acetate	50.000	37.740	24.5#	65	0.00
19 T	Methyl tert-butyl Ether	50.000	31.856	36.3#	54	0.00
20 T	Methylene Chloride	50.000	30.338	39.3#	53	0.00
21 T	trans-1,2-Dichloroethene	50.000	29.092	41.8#	50	0.00
22 T	Diisopropyl ether	50.000	33.201	33.6#	55	0.00
23 T	Vinyl Acetate	250.000	165.072	34.0#	54	0.00
24 P	1,1-Dichloroethane	50.000	32.573	34.9#	54	0.00
25 T	2-Butanone	250.000	170.663	31.7#	56	0.00
26 T	2,2-Dichloropropane	50.000	30.876	38.2#	52	0.00
27 T	cis-1,2-Dichloroethene	50.000	31.753	36.5#	53	0.00
28 T	Bromochloromethane	50.000	52.667	-5.3	86	0.00
29 T	Tetrahydrofuran	250.000	179.423	28.2#	59	0.00
30 C	Chloroform	50.000	33.002	34.0#	55	0.00
31 T	Cyclohexane	50.000	29.503	41.0#	50	0.00
32 T	1,1,1-Trichloroethane	50.000	31.855	36.3#	54	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.940	-5.9	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	52.614	-5.2	87	0.00
36 T	1,1-Dichloropropene	50.000	30.514	39.0#	53	0.00
37 T	Ethyl Acetate	50.000	34.481	31.0#	57	0.00
38 T	Carbon Tetrachloride	50.000	32.127	35.7#	53	0.00
39 T	Methylcyclohexane	50.000	29.212	41.6#	49	0.00
40 TM	Benzene	50.000	31.404	37.2#	53	0.00
41 T	Methacrylonitrile	50.000	36.076	27.8#	58	0.00
42 TM	1,2-Dichloroethane	50.000	33.451	33.1#	54	0.00
43 T	Isopropyl Acetate	50.000	34.525	31.0#	56	0.00
44 TM	Trichloroethene	50.000	29.915	40.2#	51	0.00
45 C	1,2-Dichloropropane	50.000	32.840	34.3#	54	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	32.580	34.8#	54	0.00
47 T	Bromodichloromethane	50.000	33.286	33.4#	56	0.00
48 T	Methyl methacrylate	50.000	35.789	28.4#	56	0.00
49 T	1,4-Dioxane	1000.000	742.439	25.8#	60	0.00
50 S	Toluene-d8	50.000	51.476	-3.0	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	178.251	28.7#	58	0.00
52 CM	Toluene	50.000	31.219	37.6#	52	0.00
53 T	t-1,3-Dichloropropene	50.000	32.001	36.0#	54	0.00
54 T	cis-1,3-Dichloropropene	50.000	31.836	36.3#	53	0.00
55 T	1,1,2-Trichloroethane	50.000	33.550	32.9#	56	0.00
56 T	Ethyl methacrylate	50.000	32.334	35.3#	53	0.00
57 T	1,3-Dichloropropane	50.000	32.563	34.9#	54	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	276.875	-10.8	88	0.00
59 T	2-Hexanone	250.000	175.764	29.7#	57	0.00
60 T	Dibromochloromethane	50.000	32.601	34.8#	54	0.00
61 T	1,2-Dibromoethane	50.000	32.301	35.4#	54	0.00
62 S	4-Bromofluorobenzene	50.000	50.920	-1.8	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	29.696	40.6#	49	0.00
65 PM	Chlorobenzene	50.000	30.465	39.1#	53	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	32.055	35.9#	54	0.00
67 C	Ethyl Benzene	50.000	31.636	36.7#	52	0.00
68 T	m/p-Xylenes	100.000	62.579	37.4#	52	0.00
69 T	o-Xylene	50.000	32.034	35.9#	53	0.00
70 T	Styrene	50.000	31.999	36.0#	52	0.00
71 P	Bromoform	50.000	32.315	35.4#	53	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73 T	Isopropylbenzene	50.000	30.911	38.2#	52	0.00
74 T	N-amyl acetate	50.000	33.322	33.4#	54	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	32.295	35.4#	55	0.00
76 T	1,2,3-Trichloropropane	50.000	33.195	33.6#	55	0.00
77 T	Bromobenzene	50.000	30.829	38.3#	52	0.00
78 T	n-propylbenzene	50.000	31.653	36.7#	52	0.00
79 T	2-Chlorotoluene	50.000	31.169	37.7#	53	0.00
80 T	1,3,5-Trimethylbenzene	50.000	31.801	36.4#	53	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	26.988	46.0#	49	0.00
82 T	4-Chlorotoluene	50.000	30.439	39.1#	52	0.00
83 T	tert-Butylbenzene	50.000	30.968	38.1#	52	0.00
84 T	1,2,4-Trimethylbenzene	50.000	33.884	32.2#	55	0.00
85 T	sec-Butylbenzene	50.000	31.798	36.4#	53	0.00
86 T	p-Isopropyltoluene	50.000	31.975	36.0#	52	0.00
87 T	1,3-Dichlorobenzene	50.000	30.175	39.6#	52	0.00
88 T	1,4-Dichlorobenzene	50.000	29.322	41.4#	52	0.00
89 T	n-Butylbenzene	50.000	32.744	34.5#	52	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	31.650	36.7#	54	0.00
91 T	1,2-Dichlorobenzene	50.000	30.373	39.3#	52	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	33.882	32.2#	54	0.00
93 T	1,2,4-Trichlorobenzene	50.000	30.441	39.1#	50	0.00
94 T	Hexachlorobutadiene	50.000	32.828	34.3#	57	0.00
95 T	Naphthalene	50.000	30.398	39.2#	51	0.00
96 T	1,2,3-Trichlorobenzene	50.000	30.854	38.3#	51	0.00

(#) = Out of Range

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