

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081019\
 Data File : VW011780.D
 Acq On : 08 Aug 2019 20:33
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 09 05:43:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	51.073	-2.1	81	0.00
3 P	Chloromethane	50.000	51.962	-3.9	87	0.00
4 C	Vinyl Chloride	50.000	54.155	-8.3#	85	0.00
5 T	Bromomethane	50.000	47.971	4.1	77	-0.02
6 T	Chloroethane	50.000	53.839	-7.7	83	-0.02
7 T	Trichlorofluoromethane	50.000	58.650	-17.3	89	-0.01
8 T	Diethyl Ether	50.000	57.107	-14.2	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.976	-10.0	84	0.00
10 T	Methyl Iodide	50.000	56.303	-12.6	84	0.00
11 T	Tert butyl alcohol	250.000	260.689	-4.3	84	0.00
12 CM	1,1-Dichloroethene	50.000	55.846	-11.7#	86	0.00
13 T	Acrolein	250.000	262.077	-4.8	87	0.00
14 T	Allyl chloride	50.000	58.685	-17.4	90	0.00
15 T	Acrylonitrile	250.000	291.012	-16.4	88	0.00
16 T	Acetone	250.000	233.928	6.4	72	0.00
17 T	Carbon Disulfide	50.000	53.663	-7.3	81	0.00
18 T	Methyl Acetate	50.000	58.523	-17.0	89	0.00
19 T	Methyl tert-butyl Ether	50.000	58.950	-17.9	88	0.00
20 T	Methylene Chloride	50.000	53.858	-7.7	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	57.824	-15.6	90	0.00
22 T	Diisopropyl ether	50.000	59.280	-18.6	91	0.00
23 T	Vinyl Acetate	250.000	293.302	-17.3	87	0.00
24 P	1,1-Dichloroethane	50.000	59.167	-18.3	91	0.00
25 T	2-Butanone	250.000	260.540	-4.2	77	0.00
26 T	2,2-Dichloropropane	50.000	50.889	-1.8	84	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.255	-16.5	90	0.00
28 T	Bromochloromethane	50.000	61.562	-23.1#	104	0.00
29 T	Tetrahydrofuran	250.000	287.662	-15.1	86	0.00
30 C	Chloroform	50.000	58.130	-16.3#	91	0.00
31 T	Cyclohexane	50.000	54.965	-9.9	88	0.00
32 T	1,1,1-Trichloroethane	50.000	59.323	-18.6	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.090	-16.2	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	58.975	-18.0	93	0.00
36 T	1,1-Dichloropropene	50.000	57.694	-15.4	89	0.00
37 T	Ethyl Acetate	50.000	56.928	-13.9	86	0.00
38 T	Carbon Tetrachloride	50.000	58.110	-16.2	89	0.00
39 T	Methylcyclohexane	50.000	57.368	-14.7	87	0.00
40 TM	Benzene	50.000	57.683	-15.4	90	0.00
41 T	Methacrylonitrile	50.000	56.591	-13.2	88	0.00
42 TM	1,2-Dichloroethane	50.000	57.904	-15.8	90	0.00
43 T	Isopropyl Acetate	50.000	58.425	-16.8	88	0.00
44 TM	Trichloroethene	50.000	57.788	-15.6	90	0.00
45 C	1,2-Dichloropropane	50.000	58.748	-17.5#	90	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	57.323	-14.6	88	0.00
47 T	Bromodichloromethane	50.000	58.722	-17.4	90	0.00
48 T	Methyl methacrylate	50.000	58.828	-17.7	87	0.00
49 T	1,4-Dioxane	1000.000	1242.357	-24.2#	93	0.00
50 S	Toluene-d8	50.000	58.499	-17.0	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	290.715	-16.3	87	0.00
52 CM	Toluene	50.000	57.786	-15.6#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	58.232	-16.5	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	58.491	-17.0	88	0.00
55 T	1,1,2-Trichloroethane	50.000	57.559	-15.1	88	0.00
56 T	Ethyl methacrylate	50.000	59.120	-18.2	86	0.00
57 T	1,3-Dichloropropane	50.000	57.666	-15.3	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	355.790	-42.3#	105	0.00
59 T	2-Hexanone	250.000	282.387	-13.0	81	0.00
60 T	Dibromochloromethane	50.000	58.707	-17.4	89	0.00
61 T	1,2-Dibromoethane	50.000	58.009	-16.0	88	0.00
62 S	4-Bromofluorobenzene	50.000	58.032	-16.1	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	57.937	-15.9	91	0.00
65 PM	Chlorobenzene	50.000	57.092	-14.2	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.790	-17.6	89	0.00
67 C	Ethyl Benzene	50.000	58.600	-17.2#	89	0.00
68 T	m/p-Xylenes	100.000	116.167	-16.2	89	0.00
69 T	o-Xylene	50.000	58.616	-17.2	88	0.00
70 T	Styrene	50.000	59.407	-18.8	89	0.00
71 P	Bromoform	50.000	58.899	-17.8	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	59.599	-19.2	90	0.00
74 T	N-amyl acetate	50.000	60.379	-20.8#	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	58.932	-17.9	87	0.00
76 T	1,2,3-Trichloropropane	50.000	55.409	-10.8	88	0.00
77 T	Bromobenzene	50.000	59.151	-18.3	88	0.00
78 T	n-propylbenzene	50.000	58.729	-17.5	88	0.00
79 T	2-Chlorotoluene	50.000	58.673	-17.3	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.853	-17.7	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	60.172	-20.3#	86	0.00
82 T	4-Chlorotoluene	50.000	57.703	-15.4	87	0.00
83 T	tert-Butylbenzene	50.000	59.455	-18.9	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	58.863	-17.7	88	0.00
85 T	sec-Butylbenzene	50.000	58.170	-16.3	87	0.00
86 T	p-Isopropyltoluene	50.000	57.878	-15.8	86	0.00
87 T	1,3-Dichlorobenzene	50.000	57.640	-15.3	87	0.00
88 T	1,4-Dichlorobenzene	50.000	56.476	-13.0	86	0.00
89 T	n-Butylbenzene	50.000	56.489	-13.0	84	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	58.648	-17.3	87	0.00
91 T	1,2-Dichlorobenzene	50.000	57.736	-15.5	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.549	-15.1	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.861	-11.7	83	0.00
94 T	Hexachlorobutadiene	50.000	55.861	-11.7	84	0.00
95 T	Naphthalene	50.000	54.529	-9.1	83	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.997	-14.0	84	0.00

(#) = Out of Range

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