

Data File : VW012682.D
Acq On : 06 Sep 2019 10:56
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 07 05:16:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	91	0.00
2 T	Dichlorodifluoromethane	0.308	0.318	-3.2	86	0.00
3 P	Chloromethane	0.477	0.397	16.8	73	0.00
4 C	Vinyl Chloride	0.584	0.490	16.1#	72	0.00
5 T	Bromomethane	0.296	0.277	6.4	78	0.00
6 T	Chloroethane	0.329	0.290	11.9	74	0.00
7 T	Trichlorofluoromethane	0.293	0.344	-17.4	99	0.00
8 T	Diethyl Ether	0.278	0.259	6.8	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.498	0.513	-3.0	88	0.00
10 T	Methyl Iodide	0.674	0.688	-2.1	86	0.00
11 T	Tert butyl alcohol	0.036	0.030	16.7	73	0.02
12 CM	1,1-Dichloroethene	0.502	0.496	1.2#	84	0.00
13 T	Acrolein	0.034	0.032	5.9	90	0.00
14 T	Allyl chloride	1.072	1.043	2.7	82	0.00
15 T	Acrylonitrile	0.138	0.124	10.1	78	0.00
16 T	Acetone	0.152	0.142	6.6	73	0.00
17 T	Carbon Disulfide	1.516	1.355	10.6	73	0.00
18 T	Methyl Acetate	0.376	0.320	14.9	76	0.00
19 T	Methyl tert-butyl Ether	0.811	0.829	-2.2	87	-0.01
20 T	Methylene Chloride	0.574	0.536	6.6	84	-0.01
21 T	trans-1,2-Dichloroethene	0.538	0.528	1.9	83	0.00
22 T	Diisopropyl ether	1.987	1.867	6.0	80	0.00
23 T	Vinyl Acetate	1.223	1.142	6.6	77	0.00
24 P	1,1-Dichloroethane	1.082	1.071	1.0	85	0.00
25 T	2-Butanone	0.206	0.175	15.0	70	0.00
26 T	2,2-Dichloropropane	0.612	0.662	-8.2	95	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.571	0.7	84	0.00
28 T	Bromochloromethane	0.472	0.429	9.1	87	0.00
29 T	Tetrahydrofuran	0.124	0.104	16.1	70	0.00
30 C	Chloroform	0.990	1.006	-1.6#	89	0.00
31 T	Cyclohexane	1.071	0.924	13.7	77	0.00
32 T	1,1,1-Trichloroethane	0.783	0.837	-6.9	93	0.00
33 S	1,2-Dichloroethane-d4	0.594	0.538	9.4	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.298	0.285	4.4	82	0.00
36 T	1,1-Dichloropropene	0.517	0.542	-4.8	86	0.00
37 T	Ethyl Acetate	0.283	0.262	7.4	75	0.00
38 T	Carbon Tetrachloride	0.447	0.510	-14.1	93	0.00
39 T	Methylcyclohexane	0.580	0.582	-0.3	80	0.00
40 TM	Benzene	1.411	1.436	-1.8	83	0.00
41 T	Methacrylonitrile	0.166	0.158	4.8	78	0.00
42 TM	1,2-Dichloroethane	0.442	0.478	-8.1	89	0.00
43 T	Isopropyl Acetate	0.524	0.489	6.7	76	0.00
44 TM	Trichloroethene	0.343	0.370	-7.9	89	0.00
45 C	1,2-Dichloropropane	0.380	0.382	-0.5#	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.169	0.169	0.0	83	0.00
47 T	Bromodichloromethane	0.450	0.477	-6.0	86	0.00
48 T	Methyl methacrylate	0.250	0.237	5.2	75	0.00
49 T	1,4-Dioxane	0.003	0.002	33.3#	68	0.01
50 S	Toluene-d8	1.210	1.129	6.7	79	0.00
51 T	4-Methyl-2-Pentanone	0.267	0.247	7.5	75	0.00
52 CM	Toluene	0.848	0.905	-6.7#	87	0.00
53 T	t-1,3-Dichloropropene	0.458	0.486	-6.1	84	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.580	-4.9	84	0.00
55 T	1,1,2-Trichloroethane	0.239	0.246	-2.9	85	0.00
56 T	Ethyl methacrylate	0.348	0.348	0.0	79	0.00
57 T	1,3-Dichloropropane	0.452	0.458	-1.3	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.179	0.173	3.4	85	0.00
59 T	2-Hexanone	0.189	0.177	6.3	73	0.00
60 T	Dibromochloromethane	0.266	0.287	-7.9	86	0.00
61 T	1,2-Dibromoethane	0.223	0.223	0.0	81	0.00
62 S	4-Bromofluorobenzene	0.427	0.405	5.2	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.324	0.356	-9.9	88	0.00
65 PM	Chlorobenzene	0.985	1.059	-7.5	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.343	0.382	-11.4	89	0.00
67 C	Ethyl Benzene	1.897	2.053	-8.2#	88	0.00
68 T	m/p-Xylenes	0.683	0.725	-6.1	85	0.00
69 T	o-Xylene	0.632	0.687	-8.7	87	0.00
70 T	Styrene	1.094	1.200	-9.7	87	0.00
71 P	Bromoform	0.171	0.188	-9.9	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.747	4.043	-7.9	89	0.00
74 T	N-amyl acetate	1.132	1.060	6.4	75	0.00
75 P	1,1,2,2-Tetrachloroethane	0.687	0.655	4.7	80	0.00
76 T	1,2,3-Trichloropropane	0.487	0.531	-9.0	92	0.00
77 T	Bromobenzene	0.811	0.853	-5.2	88	0.00
78 T	n-propylbenzene	4.574	4.871	-6.5	87	0.00
79 T	2-Chlorotoluene	2.597	2.743	-5.6	88	0.00
80 T	1,3,5-Trimethylbenzene	3.131	3.439	-9.8	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.217	2.3	79	0.00
82 T	4-Chlorotoluene	2.719	2.881	-6.0	88	0.00
83 T	tert-Butylbenzene	2.652	2.961	-11.7	92	0.00
84 T	1,2,4-Trimethylbenzene	3.145	3.391	-7.8	89	0.00
85 T	sec-Butylbenzene	3.799	4.095	-7.8	89	0.00
86 T	p-Isopropyltoluene	3.393	3.726	-9.8	90	0.00
87 T	1,3-Dichlorobenzene	1.585	1.685	-6.3	90	0.00
88 T	1,4-Dichlorobenzene	1.574	1.650	-4.8	89	0.00
89 T	n-Butylbenzene	3.374	3.468	-2.8	83	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090619\
Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.595	0.628	-5.5	86	0.00
91 T	1,2-Dichlorobenzene	1.391	1.468	-5.5	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.116	0.0	86	0.00
93 T	1,2,4-Trichlorobenzene	0.961	1.068	-11.1	90	0.00
94 T	Hexachlorobutadiene	0.635	0.744	-17.2	99	0.00
95 T	Naphthalene	1.683	1.783	-5.9	83	0.00
96 T	1,2,3-Trichlorobenzene	0.839	0.898	-7.0	87	0.00

(#) = Out of Range

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