

Data File : VW012707.D
Acq On : 06 Sep 2019 22:57
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 07 06:49:03 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	70	0.00
2 T	Dichlorodifluoromethane	0.308	0.244	20.8#	51	0.00
3 P	Chloromethane	0.477	0.389	18.4	55	0.00
4 C	Vinyl Chloride	0.584	0.458	21.6#	52	0.00
5 T	Bromomethane	0.296	0.265	10.5	58	-0.02
6 T	Chloroethane	0.329	0.283	14.0	56	-0.01
7 T	Trichlorofluoromethane	0.293	0.254	13.3	56	-0.01
8 T	Diethyl Ether	0.278	0.282	-1.4	67	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.498	0.439	11.8	58	-0.01
10 T	Methyl Iodide	0.674	0.666	1.2	64	0.00
11 T	Tert butyl alcohol	0.036	0.045	-25.0#	83	0.00
12 CM	1,1-Dichloroethene	0.502	0.438	12.7#	57	0.00
13 T	Acrolein	0.034	0.031	8.8	69	0.00
14 T	Allyl chloride	1.072	0.961	10.4	58	0.00
15 T	Acrylonitrile	0.138	0.153	-10.9	74	0.00
16 T	Acetone	0.152	0.135	11.2	53	0.00
17 T	Carbon Disulfide	1.516	1.123	25.9#	47#	0.00
18 T	Methyl Acetate	0.376	0.442	-17.6	81	0.00
19 T	Methyl tert-butyl Ether	0.811	0.950	-17.1	77	0.00
20 T	Methylene Chloride	0.574	0.567	1.2	69	-0.01
21 T	trans-1,2-Dichloroethene	0.538	0.505	6.1	61	0.00
22 T	Diisopropyl ether	1.987	1.994	-0.4	66	0.00
23 T	Vinyl Acetate	1.223	1.247	-2.0	65	0.00
24 P	1,1-Dichloroethane	1.082	1.067	1.4	66	0.00
25 T	2-Butanone	0.206	0.213	-3.4	65	0.00
26 T	2,2-Dichloropropane	0.612	0.556	9.2	61	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.599	-4.2	68	0.00
28 T	Bromochloromethane	0.472	0.463	1.9	72	0.00
29 T	Tetrahydrofuran	0.124	0.139	-12.1	72	0.00
30 C	Chloroform	0.990	1.047	-5.8#	71	0.00
31 T	Cyclohexane	1.071	0.830	22.5#	53	0.00
32 T	1,1,1-Trichloroethane	0.783	0.792	-1.1	68	0.00
33 S	1,2-Dichloroethane-d4	0.594	0.655	-10.3	77	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
35 S	Dibromofluoromethane	0.298	0.325	-9.1	76	0.00
36 T	1,1-Dichloropropene	0.517	0.483	6.6	62	0.00
37 T	Ethyl Acetate	0.283	0.303	-7.1	71	0.00
38 T	Carbon Tetrachloride	0.447	0.440	1.6	65	0.00
39 T	Methylcyclohexane	0.580	0.514	11.4	57	0.00
40 TM	Benzene	1.411	1.391	1.4	65	0.00
41 T	Methacrylonitrile	0.166	0.193	-16.3	77	0.00
42 TM	1,2-Dichloroethane	0.442	0.490	-10.9	74	0.00
43 T	Isopropyl Acetate	0.524	0.569	-8.6	71	0.00
44 TM	Trichloroethene	0.343	0.355	-3.5	69	0.00
45 C	1,2-Dichloropropane	0.380	0.376	1.1#	66	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.169	0.186	-10.1	74	0.00
47 T	Bromodichloromethane	0.450	0.488	-8.4	71	0.00
48 T	Methyl methacrylate	0.250	0.279	-11.6	71	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	80	0.00
50 S	Toluene-d8	1.210	1.241	-2.6	70	0.00
51 T	4-Methyl-2-Pentanone	0.267	0.300	-12.4	73	0.00
52 CM	Toluene	0.848	0.871	-2.7#	67	0.00
53 T	t-1,3-Dichloropropene	0.458	0.497	-8.5	69	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.577	-4.3	67	0.00
55 T	1,1,2-Trichloroethane	0.239	0.268	-12.1	75	0.00
56 T	Ethyl methacrylate	0.348	0.402	-15.5	74	0.00
57 T	1,3-Dichloropropane	0.452	0.493	-9.1	72	0.00
58 T	2-Chloroethyl Vinyl ether	0.179	0.221	-23.5#	87	0.00
59 T	2-Hexanone	0.189	0.203	-7.4	67	0.00
60 T	Dibromochloromethane	0.266	0.306	-15.0	74	0.00
61 T	1,2-Dibromoethane	0.223	0.256	-14.8	75	0.00
62 S	4-Bromofluorobenzene	0.427	0.461	-8.0	76	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.324	0.346	-6.8	72	0.00
65 PM	Chlorobenzene	0.985	1.026	-4.2	71	0.00
66 T	1,1,1,2-Tetrachloroethane	0.343	0.383	-11.7	75	0.00
67 C	Ethyl Benzene	1.897	1.927	-1.6#	69	0.00
68 T	m/p-Xylenes	0.683	0.701	-2.6	69	0.00
69 T	o-Xylene	0.632	0.663	-4.9	70	0.00
70 T	Styrene	1.094	1.177	-7.6	71	0.00
71 P	Bromoform	0.171	0.208	-21.6#	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
73 T	Isopropylbenzene	3.747	3.656	2.4	69	0.00
74 T	N-amyl acetate	1.132	1.157	-2.2	71	0.00
75 P	1,1,2,2-Tetrachloroethane	0.687	0.709	-3.2	74	0.00
76 T	1,2,3-Trichloropropane	0.487	0.484	0.6	72	0.00
77 T	Bromobenzene	0.811	0.869	-7.2	77	0.00
78 T	n-propylbenzene	4.574	4.345	5.0	67	0.00
79 T	2-Chlorotoluene	2.597	2.543	2.1	70	0.00
80 T	1,3,5-Trimethylbenzene	3.131	3.130	0.0	71	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.232	-4.5	72	0.00
82 T	4-Chlorotoluene	2.719	2.652	2.5	70	0.00
83 T	tert-Butylbenzene	2.652	2.706	-2.0	72	0.00
84 T	1,2,4-Trimethylbenzene	3.145	3.121	0.8	70	0.00
85 T	sec-Butylbenzene	3.799	3.682	3.1	69	0.00
86 T	p-Isopropyltoluene	3.393	3.389	0.1	70	0.00
87 T	1,3-Dichlorobenzene	1.585	1.619	-2.1	75	0.00
88 T	1,4-Dichlorobenzene	1.574	1.606	-2.0	74	0.00
89 T	n-Butylbenzene	3.374	3.184	5.6	66	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	0.576	3.2	68	0.00
91 T	1,2-Dichlorobenzene	1.391	1.471	-5.8	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.125	-7.8	80	0.00
93 T	1,2,4-Trichlorobenzene	0.961	1.051	-9.4	76	0.00
94 T	Hexachlorobutadiene	0.635	0.683	-7.6	78	0.00
95 T	Naphthalene	1.683	2.009	-19.4	80	0.00
96 T	1,2,3-Trichlorobenzene	0.839	0.936	-11.6	78	0.00

(#) = Out of Range

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