Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD091120\
Data File : VD066663.D
Acq On : 11 Sep 2020 21:58
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Sep 12 02:18:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
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	85	0.00
2	T	Dichlorodifluoromethane	0.469	0.370	21.1#	77	0.00
3	P	Chloromethane	0.632	0.538	14.9	80	0.00
4	C	Vinyl Chloride	0.701	0.565	19.4#	73	0.00
5	T	Bromomethane	0.504	0.442	12.3	81	0.00
6	T	Chloroethane	0.445	0.372	16.4	76	0.00
7	T	Trichlorofluoromethane	1.036	0.927	10.5	82	0.00
8	T	Diethyl Ether	0.261	0.259	0.8	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.561	0.509	9.3	83	0.00
10	T	Methyl Iodide	0.449	0.465	-3.6	84	0.00
11	T	Tert butyl alcohol	0.055	0.034	38.2#	83	0.00
12	CM	1,1-Dichloroethene	0.504	0.471	6.5#	85	0.00
13	T	Acrolein	0.025	0.027	-8.0	108	0.00
14	T	Allyl chloride	0.826	0.840	-1.7	90	0.01
15	T	Acrylonitrile	0.112	0.120	-7.1	94	0.00
16	T	Acetone	0.111	0.110	0.9	90	0.00
17	T	Carbon Disulfide	1.656	1.518	8.3	83	0.00
18	T	Methyl Acetate	0.265	0.288	-8.7	102	0.01
19	T	Methyl tert-butyl Ether	1.181	1.247	-5.6	92	0.00
20	T	Methylene Chloride	0.770	0.669	13.1	95	0.00
21	T	trans-1,2-Dichloroethene	0.598	0.596	0.3	88	0.00
22	T	Diisopropyl ether	1.698	1.879	-10.7	94	0.00
23	T	Vinyl Acetate	0.966	1.039	-7.6	89	0.00
24	P	1,1-Dichloroethane	1.068	1.085	-1.6	91	0.00
25	T	2-Butanone	0.149	0.156	-4.7	95	0.00
26	T	2,2-Dichloropropane	0.979	0.878	10.3	82	0.00
27	T	cis-1,2-Dichloroethene	0.643	0.690	-7.3	95	0.00
28	T	Bromochloromethane	0.411	0.467	-13.6	97	0.00
29	T	Tetrahydrofuran	0.093	0.100	-7.5	93	0.00
30	C	Chloroform	1.130	1.177	-4.2#	93	0.00
31	T	Cyclohexane	0.987	0.877	11.1	81	0.00
32	T	1,1,1-Trichloroethane	1.062	1.037	2.4	90	0.00
33	S	1,2-Dichloroethane-d4	0.605	0.660	-9.1	99	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35	S	Dibromofluoromethane	0.337	0.357	-5.9	101	0.00
36	T	1,1-Dichloropropene	0.520	0.485	6.7	85	0.00
37	T	Ethyl Acetate	0.207	0.216	-4.3	94	0.00
38	T	Carbon Tetrachloride	0.550	0.517	6.0	86	0.00
39	T	Methylcyclohexane	0.581	0.548	5.7	82	0.00
40	TM	Benzene	1.425	1.407	1.3	91	0.00
41	T	Methacrylonitrile	0.100	0.095	5.0	76	0.00
42	TM	1,2-Dichloroethane	0.462	0.453	1.9	93	0.00
43	T	Isopropyl Acetate	0.397	0.398	-0.3	92	0.00
44	TM	Trichloroethene	0.374	0.369	1.3	91	0.00
45	C	1,2-Dichloropropane	0.358	0.363	-1.4#	94	0.00

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
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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)
46	T	Dibromomethane	0.198	0.200	-1.0	96	0.00
47	T	Bromodichloromethane	0.535	0.548	-2.4	95	0.00
48	T	Methyl methacrylate	0.201	0.197	2.0	88	0.00
49	T	1,4-Dioxane	0.002	0.002	0.0	82	0.00
50	S	Toluene-d8	1.206	1.291	-7.0	98	0.00
51	T	4-Methyl-2-Pentanone	0.200	0.213	-6.5	96	0.00
52	CM	Toluene	0.902	0.925	-2.5#	93	0.00
53	T	t-1,3-Dichloropropene	0.472	0.485	-2.8	92	0.00
54	T	cis-1,3-Dichloropropene	0.567	0.573	-1.1	93	0.00
55	T	1,1,2-Trichloroethane	0.254	0.264	-3.9	98	0.00
56	T	Ethyl methacrylate	0.296	0.321	-8.4	95	0.00
57	T	1,3-Dichloropropane	0.445	0.463	-4.0	95	0.00
58	T	2-Chloroethyl Vinyl ether	0.135	0.149	-10.4	101	0.00
59	T	2-Hexanone	0.135	0.146	-8.1	95	0.00
60	T	Dibromochloromethane	0.336	0.349	-3.9	97	0.00
61	T	1,2-Dibromoethane	0.247	0.256	-3.6	95	0.00
62	S	4-Bromofluorobenzene	0.400	0.438	-9.5	102	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64	T	Tetrachloroethene	0.337	0.499	-48.1#	146	0.00
65	PM	Chlorobenzene	1.032	1.025	0.7	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.382	3.0	93	0.00
67	C	Ethyl Benzene	1.895	1.851	2.3#	91	0.00
68	T	m/p-Xylenes	0.704	0.707	-0.4	91	0.00
69	T	o-Xylene	0.631	0.649	-2.9	94	0.00
70	T	Styrene	1.096	1.141	-4.1	95	0.00
71	P	Bromoform	0.198	0.196	1.0	96	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73	T	Isopropylbenzene	3.702	3.769	-1.8	93	0.00
74	T	N-amyl acetate	0.838	0.834	0.5	92	0.00
75	P	1,1,2,2-Tetrachloroethane	0.654	0.648	0.9	95	0.00
76	T	1,2,3-Trichloropropane	0.481	0.498	-3.5	93	0.00
77	T	Bromobenzene	0.825	0.839	-1.7	97	0.00
78	T	n-propylbenzene	4.488	4.451	0.8	90	0.00
79	T	2-Chlorotoluene	2.518	2.530	-0.5	94	0.00
80	T	1,3,5-Trimethylbenzene	3.116	3.130	-0.4	91	0.00
81	T	trans-1,4-Dichloro-2-butene	0.206	0.200	2.9	96	0.00
82	T	4-Chlorotoluene	2.692	2.673	0.7	93	0.00
83	T	tert-Butylbenzene	2.544	2.564	-0.8	93	0.00
84	T	1,2,4-Trimethylbenzene	3.102	3.096	0.2	92	0.00
85	T	sec-Butylbenzene	3.666	3.567	2.7	88	0.00
86	T	p-Isopropyltoluene	3.299	3.272	0.8	89	0.00
87	T	1,3-Dichlorobenzene	1.638	1.621	1.0	96	0.00
88	T	1,4-Dichlorobenzene	1.645	1.566	4.8	92	0.00
89	T	n-Butylbenzene	3.215	3.090	3.9	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.711	0.687	3.4	92	0.00
91 T	1,2-Dichlorobenzene	1.432	1.387	3.1	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.111	0.105	5.4	95	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.855	0.5	93	0.00
94 T	Hexachlorobutadiene	0.516	0.477	7.6	86	0.00
95 T	Naphthalene	1.502	1.636	-8.9	97	0.00
96 T	1,2,3-Trichlorobenzene	0.733	0.752	-2.6	95	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6