Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
Data File : VY019575.D
Acq On : 17 Sep 2024 10:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 18 01:30:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	58	0.00
2	T	Dichlorodifluoromethane	0.316	0.229	27.5#	50	0.00
3	P	Chloromethane	0.414	0.396	4.3	58	0.00
4	C	Vinyl Chloride	0.447	0.461	-3.1#	60	0.00
5	T	Bromomethane	0.275	0.326	-18.5	66	0.00
6	T	Chloroethane	0.292	0.325	-11.3	63	0.00
7	T	Trichlorofluoromethane	0.746	0.736	1.3	58	0.00
8	T	Diethyl Ether	0.250	0.239	4.4	52	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.461	0.435	5.6	55	0.00
10	T	Methyl Iodide	0.591	0.539	8.8	51	0.00
11	T	Tert butyl alcohol	0.037	0.032	13.5	46#	0.01
12	CM	1,1-Dichloroethene	0.444	0.427	3.8#	55	0.00
13	T	Acrolein	0.020	0.013	35.0#	49#	0.00
14	T	Allyl chloride	0.796	0.758	4.8	54	0.00
15	T	Acrylonitrile	0.108	0.101	6.5	50	0.00
16	T	Acetone	0.110	0.117	-6.4	55	0.00
17	T	Carbon Disulfide	1.199	1.149	4.2	52	0.00
18	T	Methyl Acetate	0.299	0.255	14.7	43#	0.00
19	T	Methyl tert-butyl Ether	1.256	1.201	4.4	53	0.00
20	T	Methylene Chloride	0.503	0.488	3.0	56	0.00
21	T	trans-1,2-Dichloroethene	0.486	0.486	0.0	56	0.00
22	T	Diisopropyl ether	1.634	1.597	2.3	54	0.00
23	T	Vinyl Acetate	0.933	0.908	2.7	54	0.00
24	P	1,1-Dichloroethane	0.917	0.934	-1.9	57	0.00
25	T	2-Butanone	0.157	0.144	8.3	49#	0.00
26	T	2,2-Dichloropropane	0.827	0.849	-2.7	59	0.00
27	T	cis-1,2-Dichloroethene	0.591	0.601	-1.7	57	0.00
28	T	Bromochloromethane	0.386	0.412	-6.7	58	0.00
29	T	Tetrahydrofuran	0.095	0.085	10.5	48#	0.00
30	C	Chloroform	0.936	0.974	-4.1#	58	0.00
31	T	Cyclohexane	0.829	0.737	11.1	53	0.00
32	T	1,1,1-Trichloroethane	0.839	0.859	-2.4	58	0.00
33	S	1,2-Dichloroethane-d4	0.463	0.517	-11.7	62	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	59	0.00
35	S	Dibromofluoromethane	0.283	0.306	-8.1	62	0.00
36	T	1,1-Dichloropropene	0.386	0.378	2.1	57	0.00
37	T	Ethyl Acetate	0.198	0.183	7.6	51	0.00
38	T	Carbon Tetrachloride	0.435	0.424	2.5	57	0.00
39	T	Methylcyclohexane	0.513	0.466	9.2	53	0.00
40	TM	Benzene	1.188	1.170	1.5	57	0.00
41	T	Methacrylonitrile	0.115	0.113	1.7	51	0.00
42	TM	1,2-Dichloroethane	0.320	0.321	-0.3	57	0.00
43	T	Isopropyl Acetate	0.415	0.369	11.1	50	0.00
44	TM	Trichloroethene	0.306	0.298	2.6	56	0.00
45	C	1,2-Dichloropropane	0.290	0.281	3.1#	56	0.00
46	T	Dibromomethane	0.159	0.156	1.9	55	0.00
47	T	Bromodichloromethane	0.427	0.423	0.9	57	0.00
48	T	Methyl methacrylate	0.196	0.170	13.3	47#	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	50#	0.00
50	S	Toluene-d8	1.049	1.138	-8.5	62	0.00
51	T	4-Methyl-2-Pentanone	0.209	0.184	12.0	49#	0.00
52	CM	Toluene	0.764	0.763	0.1#	57	0.00
53	T	t-1,3-Dichloropropene	0.407	0.390	4.2	54	0.00
54	T	cis-1,3-Dichloropropene	0.474	0.453	4.4	54	0.00
55	T	1,1,2-Trichloroethane	0.219	0.208	5.0	53	0.00
56	T	Ethyl methacrylate	0.333	0.308	7.5	52	0.00
57	T	1,3-Dichloropropane	0.377	0.363	3.7	54	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.156	-0.6	58	0.00
59	T	2-Hexanone	0.153	0.135	11.8	49#	0.00
60	T	Dibromochloromethane	0.290	0.282	2.8	55	0.00
61	T	1,2-Dibromoethane	0.204	0.188	7.8	52	0.00
62	S	4-Bromofluorobenzene	0.403	0.403	0.0	59	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	58	0.00
64	T	Tetrachloroethene	0.310	0.291	6.1	54	0.00
65	PM	Chlorobenzene	0.984	0.980	0.4	57	0.00
66	T	1,1,1,2-Tetrachloroethane	0.341	0.335	1.8	57	0.00
67	C	Ethyl Benzene	1.748	1.736	0.7#	57	0.00
68	T	m/p-Xylenes	0.661	0.653	1.2	57	0.00
69	T	o-Xylene	0.646	0.636	1.5	57	0.00
70	T	Styrene	1.091	1.071	1.8	56	0.00
71	P	Bromoform	0.195	0.182	6.7	52	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	58	0.00
73	T	Isopropylbenzene	3.627	3.615	0.3	58	0.00
74	T	N-amyl acetate	0.987	0.875	11.3	50#	0.00
75	P	1,1,2,2-Tetrachloroethane	0.644	0.602	6.5	52	0.00
76	T	1,2,3-Trichloropropane	0.469	0.458	2.3	51	0.00
77	T	Bromobenzene	0.804	0.779	3.1	55	0.00
78	T	n-propylbenzene	4.299	4.261	0.9	57	0.00
79	T	2-Chlorotoluene	2.506	2.443	2.5	56	0.00
80	T	1,3,5-Trimethylbenzene	2.949	2.895	1.8	57	0.00
81	T	trans-1,4-Dichloro-2-butene	0.244	0.214	12.3	49#	0.00
82	T	4-Chlorotoluene	2.576	2.558	0.7	57	0.00
83	T	tert-Butylbenzene	2.670	2.631	1.5	57	0.00
84	T	1,2,4-Trimethylbenzene	2.919	2.868	1.7	57	0.00
85	T	sec-Butylbenzene	3.878	3.764	2.9	56	0.00
86	T	p-Isopropyltoluene	3.173	3.094	2.5	56	0.00
87	T	1,3-Dichlorobenzene	1.563	1.552	0.7	57	0.00
88	T	1,4-Dichlorobenzene	1.551	1.525	1.7	56	0.00
89	T	n-Butylbenzene	3.033	2.927	3.5	56	0.00
90	T	Hexachloroethane	0.660	0.640	3.0	56	0.00
91	T	1,2-Dichlorobenzene	1.395	1.358	2.7	55	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.107	0.091	15.0	48#	0.00
93	T	1,2,4-Trichlorobenzene	0.848	0.770	9.2	51	0.00
94	T	Hexachlorobutadiene	0.453	0.393	13.2	51	0.00
95	T	Naphthalene	1.699	1.469	13.5	48#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.726	0.650	10.5	50#	0.00

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