Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
Data File : VY021933.D
Acq On : 18 Apr 2025 16:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 19 01:15:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
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	75	0.00
2	T	Dichlorodifluoromethane	0.518	0.431	16.8	64	0.00
3	P	Chloromethane	0.729	0.704	3.4	76	0.00
4	C	Vinyl Chloride	0.824	0.766	7.0#	72	0.00
5	T	Bromomethane	0.562	0.572	-1.8	83	0.00
6	T	Chloroethane	0.539	0.526	2.4	77	0.00
7	T	Trichlorofluoromethane	1.056	1.014	4.0	75	0.00
8	T	Diethyl Ether	0.287	0.266	7.3	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.557	0.537	3.6	75	0.00
10	T	Methyl Iodide	0.611	0.628	-2.8	72	0.00
11	T	Tert butyl alcohol	0.035	0.028	20.0	61	0.04
12	CM	1,1-Dichloroethene	0.524	0.486	7.3#	71	0.00
13	T	Acrolein	0.064	0.010	84.4#	12#	0.00
14	T	Allyl chloride	0.836	0.795	4.9	71	0.00
15	T	Acrylonitrile	0.120	0.119	0.8	73	0.00
16	T	Acetone	0.111	0.084	24.3	59	0.01
17	T	Carbon Disulfide	1.727	1.525	11.7	67	0.00
18	T	Methyl Acetate	0.275	0.366	-33.1#	103	0.00
19	T	Methyl tert-butyl Ether	1.306	1.290	1.2	73	0.00
20	T	Methylene Chloride	0.626	0.570	8.9	76	0.00
21	T	trans-1,2-Dichloroethene	0.577	0.568	1.6	75	0.00
22	T	Diisopropyl ether	1.754	1.833	-4.5	76	0.00
23	T	Vinyl Acetate	1.026	0.963	6.1	68	0.00
24	P	1,1-Dichloroethane	1.049	1.052	-0.3	76	0.00
25	T	2-Butanone	0.158	0.146	7.6	69	0.00
26	T	2,2-Dichloropropane	0.933	0.855	8.4	70	0.00
27	T	cis-1,2-Dichloroethene	0.649	0.669	-3.1	77	0.00
28	T	Bromochloromethane	0.442	0.456	-3.2	80	0.00
29	T	Tetrahydrofuran	0.102	0.098	3.9	69	0.00
30	C	Chloroform	1.091	1.117	-2.4#	77	0.00
31	T	Cyclohexane	0.956	0.857	10.4	70	0.00
32	T	1,1,1-Trichloroethane	0.986	0.969	1.7	75	0.00
33	S	1,2-Dichloroethane-d4	0.542	0.544	-0.4	74	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35	S	Dibromofluoromethane	0.324	0.344	-6.2	75	0.00
36	T	1,1-Dichloropropene	0.494	0.501	-1.4	73	0.00
37	T	Ethyl Acetate	0.233	0.218	6.4	68	0.00
38	T	Carbon Tetrachloride	0.566	0.587	-3.7	77	0.00
39	T	Methylcyclohexane	0.590	0.589	0.2	70	0.00
40	TM	Benzene	1.479	1.559	-5.4	77	0.00
41	T	Methacrylonitrile	0.124	0.127	-2.4	68	-0.01
42	TM	1,2-Dichloroethane	0.417	0.437	-4.8	77	0.00
43	T	Isopropyl Acetate	0.442	0.439	0.7	72	0.00
44	TM	Trichloroethene	0.377	0.399	-5.8	79	0.00
45	C	1,2-Dichloropropane	0.350	0.379	-8.3#	79	0.00
46	T	Dibromomethane	0.202	0.214	-5.9	79	0.00
47	T	Bromodichloromethane	0.523	0.560	-7.1	78	0.00
48	T	Methyl methacrylate	0.203	0.212	-4.4	74	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	69	0.02
50	S	Toluene-d8	1.234	1.314	-6.5	74	0.00
51	T	4-Methyl-2-Pentanone	0.230	0.246	-7.0	75	0.00
52	CM	Toluene	0.923	1.007	-9.1#	78	0.00
53	T	t-1,3-Dichloropropene	0.465	0.484	-4.1	73	0.00
54	T	cis-1,3-Dichloropropene	0.548	0.569	-3.8	74	0.00
55	T	1,1,2-Trichloroethane	0.260	0.285	-9.6	80	0.00
56	T	Ethyl methacrylate	0.332	0.369	-11.1	74	0.00
57	T	1,3-Dichloropropane	0.449	0.491	-9.4	79	0.00
58	T	2-Chloroethyl Vinyl ether	0.162	0.196	-21.0	80	0.00
59	T	2-Hexanone	0.153	0.161	-5.2	72	0.00
60	T	Dibromochloromethane	0.355	0.387	-9.0	78	0.00
61	T	1,2-Dibromoethane	0.244	0.263	-7.8	76	0.00
62	S	4-Bromofluorobenzene	0.417	0.461	-10.6	77	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64	T	Tetrachloroethene	0.455	0.492	-8.1	85	0.00
65	PM	Chlorobenzene	1.146	1.163	-1.5	78	0.00
66	T	1,1,1,2-Tetrachloroethane	0.407	0.425	-4.4	80	0.00
67	C	Ethyl Benzene	1.965	2.039	-3.8#	77	0.00
68	T	m/p-Xylenes	0.753	0.791	-5.0	78	0.00
69	T	o-Xylene	0.695	0.730	-5.0	77	0.00
70	T	Styrene	1.158	1.263	-9.1	79	0.00
71	P	Bromoform	0.232	0.244	-5.2	80	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73	T	Isopropylbenzene	3.714	3.628	2.3	78	0.00
74	T	N-amyl acetate	0.872	0.792	9.2	71	0.00
75	P	1,1,2,2-Tetrachloroethane	0.668	0.614	8.1	76	0.00
76	T	1,2,3-Trichloropropane	0.496	0.485	2.2	80	0.00
77	T	Bromobenzene	0.892	0.864	3.1	79	0.00
78	T	n-propylbenzene	4.465	4.417	1.1	78	0.00
79	T	2-Chlorotoluene	2.593	2.534	2.3	78	0.00
80	T	1,3,5-Trimethylbenzene	3.035	3.013	0.7	78	0.00
81	T	trans-1,4-Dichloro-2-butene	0.215	0.184	14.4	68	0.00
82	T	4-Chlorotoluene	2.704	2.663	1.5	79	0.00
83	T	tert-Butylbenzene	2.703	2.679	0.9	79	0.00
84	T	1,2,4-Trimethylbenzene	3.000	3.036	-1.2	79	0.00
85	T	sec-Butylbenzene	3.951	3.965	-0.4	79	0.00
86	T	p-Isopropyltoluene	3.265	3.314	-1.5	79	0.00
87	T	1,3-Dichlorobenzene	1.757	1.728	1.7	81	0.00
88	T	1,4-Dichlorobenzene	1.736	1.694	2.4	80	0.00
89	T	n-Butylbenzene	3.020	2.980	1.3	77	0.00
90	T	Hexachloroethane	0.716	0.704	1.7	81	0.00
91	T	1,2-Dichlorobenzene	1.529	1.530	-0.1	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.103	0.098	4.9	79	0.00
93	T	1,2,4-Trichlorobenzene	0.829	0.845	-1.9	79	0.00
94	T	Hexachlorobutadiene	0.518	0.525	-1.4	82	0.00
95	T	Naphthalene	1.375	1.438	-4.6	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.723	-2.3	79	0.00

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