Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
Data File : VY019189.D
Acq On : 21 Aug 2024 23:05
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 22 01:22:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 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	89	0.00
2	T	Dichlorodifluoromethane	0.367	0.315	14.2	74	0.00
3	P	Chloromethane	0.661	0.619	6.4	85	0.00
4	C	Vinyl Chloride	0.817	0.699	14.4#	77	0.00
5	T	Bromomethane	0.593	0.469	20.9	78	0.00
6	T	Chloroethane	0.530	0.442	16.6	77	0.00
7	T	Trichlorofluoromethane	1.235	1.004	18.7	74	0.00
8	T	Diethyl Ether	0.267	0.252	5.6	87	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.549	0.471	14.2	79	0.01
10	T	Methyl Iodide	0.538	0.612	-13.8	90	0.01
11	T	Tert butyl alcohol	0.056	0.035	37.5#	73	0.02
12	CM	1,1-Dichloroethene	0.499	0.462	7.4#	85	0.00
13	T	Acrolein	0.042	0.028	33.3#	66	0.01
14	T	Allyl chloride	0.663	0.669	-0.9	90	0.01
15	T	Acrylonitrile	0.109	0.108	0.9	85	0.00
16	T	Acetone	0.093	0.093	0.0	85	0.00
17	T	Carbon Disulfide	1.407	1.313	6.7	83	0.00
18	T	Methyl Acetate	0.285	0.288	-1.1	91	0.00
19	T	Methyl tert-butyl Ether	1.209	1.240	-2.6	89	0.01
20	T	Methylene Chloride	0.833	0.592	28.9#	89	0.00
21	T	trans-1,2-Dichloroethene	0.557	0.546	2.0	86	0.00
22	T	Diisopropyl ether	1.518	1.603	-5.6	93	0.01
23	T	Vinyl Acetate	1.202	1.206	-0.3	86	0.00
24	P	1,1-Dichloroethane	0.928	0.929	-0.1	92	0.00
25	T	2-Butanone	0.150	0.146	2.7	84	0.01
26	T	2,2-Dichloropropane	0.752	0.738	1.9	89	0.00
27	T	cis-1,2-Dichloroethene	0.656	0.658	-0.3	89	0.01
28	T	Bromochloromethane	0.389	0.401	-3.1	98	0.01
29	T	Tetrahydrofuran	0.096	0.093	3.1	85	0.01
30	C	Chloroform	1.034	1.071	-3.6#	91	0.00
31	T	Cyclohexane	0.807	0.692	14.3	83	0.00
32	T	1,1,1-Trichloroethane	0.909	0.924	-1.7	89	0.00
33	S	1,2-Dichloroethane-d4	0.501	0.552	-10.2	103	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35	S	Dibromofluoromethane	0.327	0.331	-1.2	96	0.00
36	T	1,1-Dichloropropene	0.449	0.427	4.9	91	0.00
37	T	Ethyl Acetate	0.199	0.202	-1.5	87	0.00
38	T	Carbon Tetrachloride	0.520	0.502	3.5	87	0.00
39	T	Methylcyclohexane	0.576	0.457	20.7	74	0.00
40	TM	Benzene	1.377	1.352	1.8	91	0.00
41	T	Methacrylonitrile	0.109	0.108	0.9	85	-0.02
42	TM	1,2-Dichloroethane	0.372	0.382	-2.7	93	0.00
43	T	Isopropyl Acetate	0.402	0.393	2.2	88	0.00
44	TM	Trichloroethene	0.384	0.353	8.1	87	0.00
45	C	1,2-Dichloropropane	0.307	0.273	11.1#	83	0.01
46	T	Dibromomethane	0.199	0.177	11.1	80	0.00
47	T	Bromodichloromethane	0.488	0.484	0.8	91	0.00
48	T	Methyl methacrylate	0.179	0.157	12.3	78	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	76	0.01
50	S	Toluene-d8	1.177	1.189	-1.0	98	0.00
51	T	4-Methyl-2-Pentanone	0.213	0.211	0.9	86	0.00
52	CM	Toluene	0.904	0.907	-0.3#	94	0.00
53	T	t-1,3-Dichloropropene	0.405	0.418	-3.2	93	0.01
54	T	cis-1,3-Dichloropropene	0.487	0.486	0.2	88	0.00
55	T	1,1,2-Trichloroethane	0.256	0.251	2.0	90	0.00
56	T	Ethyl methacrylate	0.335	0.335	0.0	87	0.00
57	T	1,3-Dichloropropane	0.418	0.415	0.7	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.156	1.9	91	0.00
59	T	2-Hexanone	0.147	0.145	1.4	86	0.00
60	T	Dibromochloromethane	0.349	0.350	-0.3	90	0.00
61	T	1,2-Dibromoethane	0.248	0.252	-1.6	91	0.00
62	S	4-Bromofluorobenzene	0.401	0.403	-0.5	93	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64	T	Tetrachloroethene	0.437	0.439	-0.5	98	0.00
65	PM	Chlorobenzene	1.151	1.113	3.3	91	0.00
66	T	1,1,1,2-Tetrachloroethane	0.405	0.403	0.5	93	0.00
67	C	Ethyl Benzene	1.998	1.923	3.8#	90	0.00
68	T	m/p-Xylenes	0.793	0.767	3.3	90	0.00
69	T	o-Xylene	0.734	0.745	-1.5	92	0.00
70	T	Styrene	1.252	1.257	-0.4	91	0.00
71	P	Bromoform	0.231	0.236	-2.2	91	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73	T	Isopropylbenzene	3.832	3.677	4.0	89	0.00
74	T	N-amyl acetate	0.836	0.824	1.4	88	0.00
75	P	1,1,2,2-Tetrachloroethane	0.682	0.618	9.4	84	0.00
76	T	1,2,3-Trichloropropane	0.493	0.416	15.6	82	0.00
77	T	Bromobenzene	0.920	0.875	4.9	89	0.00
78	T	n-propylbenzene	4.581	4.347	5.1	88	0.00
79	T	2-Chlorotoluene	2.568	2.491	3.0	90	0.00
80	T	1,3,5-Trimethylbenzene	3.122	3.039	2.7	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.200	0.190	5.0	87	0.00
82	T	4-Chlorotoluene	2.672	2.589	3.1	90	0.00
83	T	tert-Butylbenzene	2.883	2.693	6.6	87	0.00
84	T	1,2,4-Trimethylbenzene	3.112	3.040	2.3	90	0.00
85	T	sec-Butylbenzene	4.201	3.931	6.4	87	0.00
86	T	p-Isopropyltoluene	3.451	3.346	3.0	89	0.00
87	T	1,3-Dichlorobenzene	1.815	1.720	5.2	89	0.00
88	T	1,4-Dichlorobenzene	1.804	1.716	4.9	89	0.00
89	T	n-Butylbenzene	3.146	2.925	7.0	84	0.00
90	T	Hexachloroethane	0.680	0.644	5.3	86	0.00
91	T	1,2-Dichlorobenzene	1.596	1.513	5.2	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.100	0.098	2.0	89	0.00
93	T	1,2,4-Trichlorobenzene	0.900	0.839	6.8	84	0.00
94	T	Hexachlorobutadiene	0.469	0.466	0.6	88	0.00
95	T	Naphthalene	1.607	1.511	6.0	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.759	0.730	3.8	84	0.00

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