Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
Data File : VL041589.D
Acq On : 22 Aug 2024 16:37
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

Quant Time: Aug 23 01:33:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Aug 23 01:15:26 2024
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	76	0.00
2	T	Dichlorodifluoromethane	1.720	1.226	28.7	65	0.00
3		Chlorodifluoromethane	1.190	1.076	9.6	76	0.00
4		Chloromethane	0.633	0.583	7.9	78	0.00
5	T	Vinyl Chloride	0.624	0.573	8.2	76	0.00
6	T	Bromomethane	0.321	0.245	23.7	63	0.00
7		Chloroethane	0.215	0.199	7.4	74	0.00
8	T	Dichlorotetrafluoroethane	1.524	1.367	10.3	75	0.00
9	T	Propene	0.547	0.484	11.5	75	0.00
10	T	Heptane	1.229	1.201	2.3	76	0.00
11	T	Trichlorofluoromethane	1.528	1.352	11.5	74	0.00
12	T	1,1,2-Trichlorotrifluoroeth	1.100	0.976	11.3	74	0.00
13		Ethanol	0.049	0.039#	20.4	84	0.00
14	T	Bromoethene	0.429	0.383	10.7	70	0.00
15	T	Acetone	1.136	1.002	11.8	76	0.00
16	T	1,3-Butadiene	0.607	0.557	8.2	76	0.00
17		tert-Butyl alcohol	1.036	1.084	-4.6	78	0.00
18	T	1,1-Dichloroethene	0.471	0.436	7.4	72	0.00
19	T	Isopropyl Alcohol	0.664	0.632	4.8	74	0.00
20	T	Methylene Chloride	0.424	0.364	14.2	74	0.00
21	T	Allyl Chloride	0.745	0.661	11.3	69	0.00
22	T	trans-1,2-Dichloroethene	0.471	0.422	10.4	71	0.00
23	T	Vinyl Acetate	0.868	0.711	18.1	61	0.00
24	T	1,1-Dichloroethane	1.022	0.939	8.1	75	0.00
25	T	Ethyl Acetate	2.257	2.155	4.5	77	0.00
26	T	Hexane	0.936	0.888	5.1	75	0.00
27	T	Carbon Disulfide	1.095	1.001	8.6	67	0.00
28	T	Methyl tert-Butyl Ether	0.591	0.537	9.1	73	0.00
29	T	Chloroform	1.527	1.375	10.0	73	0.00
30	T	Cyclohexane	0.763	0.734	3.8	73	0.00
31	T	cis-1,2-Dichloroethene	0.925	0.852	7.9	72	0.00
32	T	1,1,1-Trichloroethane	1.487	1.342	9.8	72	0.00
33	I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
34	T	2-Butanone	0.484	0.486	-0.4	76	0.00
35	T	Carbon Tetrachloride	0.552	0.537	2.7	71	0.00
36	T	Benzene	0.731	0.719	1.6	74	0.00
37	T	1,2-Dichloroethane	0.409	0.397	2.9	74	0.00
38	T	Trichloroethene	0.335	0.346	-3.3	79	0.00
39	T	1,2-Dichloropropane	0.280	0.279	0.4	77	0.00
40	T	1,4-Dioxane	0.112	0.121	-8.0	77	0.00
41	T	Tetrahydrofuran	0.277	0.289	-4.3	76	0.00
42	T	Bromodichloromethane	0.591	0.572	3.2	72	0.00
43		Methyl Methacrylate	0.262	0.281	-7.3	72	0.00
44	T	2,2,4-Trimethylpentane	1.220	1.230	-0.8	77	0.00
45	T	t-1,3-Dichloropropene	0.241	0.228	5.4	58	0.00
46	T	cis-1,3-Dichloropropene	0.348	0.316	9.2	60	0.00
47	T	1,1,2-Trichloroethane	0.308	0.303	1.6	75	0.00
48	T	Dibromochloromethane	0.497	0.502	-1.0	73	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	Bromoform	0.420	0.465	-10.7	76	0.00
50	T	4-Methyl-2-Pentanone	0.763	0.810	-6.2	76	0.00
51	T	2-Hexanone	0.577	0.652	-13.0	74	0.00
52	T	Tetrachloroethene	0.282	0.273	3.2	74	0.00
53	T	Toluene	0.814	0.835	-2.6	73	0.00
54	T	1,2-Dibromoethane	0.410	0.418	-2.0	71	0.00
55	I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
56		1,1,1,2-Tetrachloroethane	0.388	0.378	2.6	76	0.00
57	T	Chlorobenzene	0.712	0.680	4.5	76	0.00
58	T	Ethyl Benzene	1.153	1.164	-1.0	75	0.00
59	T	m/p-Xylene	0.995	1.013	-1.8	77	0.00
60	T	o-Xylene	0.941	0.976	-3.7	78	0.00
61	T	Styrene	0.425	0.473	-11.3	76	0.00
62		Isopropylbenzene	1.431	1.445	-1.0	79	0.00
63	T	1,1,2,2-Tetrachloroethane	0.594	0.600	-1.0	79	0.00
64		n-propylbenzene	0.374	0.394	-5.3	80	0.00
65		tert-Butylbenzene	1.292	1.365	-5.7	82	0.00
66	T	Benzyl Chloride	0.083	0.088	-6.0	71	0.00
67		sec-Butylbenzene	1.781	1.938	-8.8	84	0.00
68	S	1-Bromo-4-Fluorobenzene	0.770	0.762	1.0	73	0.00
69		p-Isopropyltoluene	1.478	1.634	-10.6	84	0.00
70		n-Butylbenzene	1.515	1.758	-16.0	88	0.00
71		2-Chlorotoluene	1.055	1.121	-6.3	81	0.00
72	T	4-Ethyltoluene	1.108	1.219	-10.0	80	0.00
73	T	1,3,5-Trimethylbenzene	0.955	1.063	-11.3	81	0.00
74	T	1,2,4-Trimethylbenzene	1.110	1.214	-9.4	84	0.00
75	T	1,3-Dichlorobenzene	0.698	0.773	-10.7	86	0.00
76	T	1,4-Dichlorobenzene	0.676	0.746	-10.4	85	0.00
77	T	1,2-Dichlorobenzene	0.692	0.781	-12.9	89	0.00
78	T	Hexachloro-1,3-Butadiene	0.590	0.614	-4.1	92	0.00
79	T	Naphthalene	0.980	1.355	-38.3#	90	0.00
80	T	Naphthalene,2-methyl-	0.821	0.615	25.1	46	0.00
81	T	1,2,4-Trichlorobenzene	0.583	0.699	-19.9	89	0.00

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