Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
Data File : VN074358.D
Acq On : 08 Sep 2022 14:51
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090822

Quant Time: Sep 09 05:28:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 09 05:24:20 2022
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	Bromochloromethane	1.000	1.000	0.0	104	0.00
2	M	Dichlorodifluoromethane	2.124	2.116	0.4	98	0.00
3	M	Chloromethane	2.927	2.845	2.8	93	0.00
4	M	Vinyl Chloride	3.130	3.110	0.6	99	0.00
5	M	Bromomethane	1.929	2.478	-28.5#	112	0.00
6	M	Chloroethane	2.122	2.280	-7.4	106	0.00
7	M	Trichlorofluoromethane	3.541	3.466	2.1	96	0.00
8	T	Diethyl Ether	1.476	1.451	1.7	94	0.00
9		1,1,2-Trichlorotrifluoroeth	2.072	2.108	-1.7	102	0.00
10	M	1,1-Dichloroethene	2.000	1.989	0.5	96	0.00
11		Methyl Iodide	2.455	2.414	1.7	96	0.00
12		Methyl Acetate	4.345	4.257	2.0	101	0.00
13	M	Acrolein	0.586	0.567	3.2	100	0.00
14	M	Acrylonitrile	1.684	1.692	-0.5	101	0.00
15	M	Acetone	0.446	0.453	-1.6	100	0.00
16	M	Carbon Disulfide	5.730	5.768	-0.7	100	0.00
17		Allyl chloride	4.318	4.233	2.0	99	0.00
18	M	Methylene Chloride	2.545	2.544	0.0	103	0.00
19	M	trans-1,2-Dichloroethene	2.286	2.230	2.4	99	0.00
20	T	Diisopropyl ether	8.892	8.880	0.1	98	0.00
21	M	1,1-Dichloroethane	4.671	4.573	2.1	97	0.00
22	M	cis-1,2-Dichloroethene	2.779	2.654	4.5	95	0.00
23	M	tert-Butyl Alcohol	0.729	0.770	-5.6	102	0.00
24	M	Methyl tert-Butyl Ether	8.413	8.271	1.7	98	0.00
25	M	Chloroform	4.745	4.643	2.1	97	0.00
26		Cyclohexane	4.287	4.244	1.0	96	0.00
27	s	1,2-Dichloroethane-d4	3.080	3.169	-2.9	98	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29		1,1-Dichloropropene	0.596	0.576	3.4	97	0.00
30	M	2-Butanone	0.422	0.433	-2.6	100	0.00
31		2,2-Dichloropropane	0.730	0.718	1.6	95	0.00
32	M	1,1,1-Trichloroethane	0.735	0.698	5.0	96	0.00
33	M	Carbon Tetrachloride	0.636	0.596	6.3	97	0.00
34	M	Benzene	1.833	1.783	2.7	96	0.00
35		Methacrylonitrile	0.388	0.420	-8.2	112	0.00
36	M	1,2-Dichloroethane	0.671	0.645	3.9	95	0.00
37	M	Trichloroethene	0.421	0.398	5.5	96	0.00
38		Methylcyclohexane	0.751	0.723	3.7	99	0.00
39	M	1,2-Dichloropropane	0.472	0.466	1.3	97	0.00
40		Dibromomethane	0.329	0.324	1.5	100	0.00
41	M	Bromodichloromethane	0.653	0.631	3.4	96	0.00
42	M	Vinyl Acetate	1.394	1.366	2.0	97	0.00
43		Ethyl Acetate	0.838	0.822	1.9	94	0.00
44		Isopropyl Acetate	1.332	1.324	0.6	99	0.00
45	T	1,4-Dioxane	0.012	0.013	-8.3	101	0.00
46		Methyl methacrylate	0.570	0.558	2.1	98	0.00
47		n-amyl Acetate	1.211	1.169	3.5	97	0.00
48	M	t-1,3-Dichloropropene	0.762	0.710	6.8	96	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.778	0.747	4.0	98	0.00
50	M	1,1,2-Trichloroethane	0.465	0.447	3.9	99	0.00
51		Ethyl methacrylate	0.827	0.813	1.7	99	0.00
52		1,3-Dichloropropane	0.806	0.795	1.4	98	0.00
53	M	Dibromochloromethane	0.500	0.463	7.4	95	0.00
54	M	1,2-Dibromoethane	0.487	0.465	4.5	97	0.00
55	M	2-Chloroethyl vinyl ether	0.397	0.368	7.3	96	0.00
56	M	Bromoform	0.381	0.343	10.0	100	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	0.932	0.910	2.4	95	0.00
59	M	2-Hexanone	0.727	0.723	0.6	98	0.00
60	S	4-Bromofluorobenzene	0.600	0.590	1.7	101	0.00
61	M	Tetrachloroethene	0.372	0.346	7.0	96	0.00
62	M	Toluene	2.169	2.103	3.0	98	0.00
63	S	Toluene-d8	1.685	1.677	0.5	100	0.00
64	M	Chlorobenzene	1.284	1.227	4.4	98	0.00
65		1,1,1,2-Tetrachloroethane	0.486	0.471	3.1	97	0.00
66	M	Ethyl Benzene	2.399	2.326	3.0	97	0.00
67	M	m/p-Xylenes	0.915	0.882	3.6	96	0.00
68	M	o-Xylene	0.934	0.902	3.4	98	0.00
69	M	Styrene	1.544	1.436	7.0	98	0.00
70		Isopropylbenzene	2.424	2.290	5.5	96	0.00
71	M	1,1,2,2-Tetrachloroethane	0.845	0.814	3.7	98	0.00
72		1,2,3-Trichloropropane	0.694	0.748	-7.8	112	0.00
73		Bromobenzene	0.526	0.495	5.9	101	0.00
74		n-propylbenzene	2.818	2.648	6.0	98	0.00
75		2-Chlorotoluene	1.682	1.599	4.9	98	0.00
76		1,3,5-Trimethylbenzene	2.039	1.931	5.3	99	0.00
77		t-1,4-Dichloro-2-butene	0.307	0.284	7.5	95	0.00
78		4-Chlorotoluene	1.655	1.541	6.9	99	0.00
79		tert-butylbenzene	1.813	1.684	7.1	96	0.00
80		1,2,4-Trimethylbenzene	2.052	1.907	7.1	96	0.00
81		sec-Butylbenzene	2.528	2.389	5.5	101	0.00
82		p-Isopropyltoluene	2.090	1.949	6.7	101	0.00
83	M	1,3-Dichlorobenzene	0.989	0.926	6.4	102	0.00
84	M	1,4-Dichlorobenzene	0.980	0.908	7.3	101	0.00
85		n-Butylbenzene	1.834	1.603	12.6	96	0.00
86	T	Hexachloroethane	0.408	0.391	4.2	101	0.00
87	M	1,2-Dichlorobenzene	1.023	0.953	6.8	100	0.00
88		1,2-Dibromo-3-Chloropropane	0.207	0.196	5.3	96	0.00
89		1,2,4-Trichlorobenzene	0.535	0.480	10.3	101	0.00
90		Hexachlorobutadiene	0.228	0.204	10.5	95	0.00
91	M	Naphthalene	2.143	1.961	8.5	99	0.00
92		1,2,3-Trichlorobenzene	0.543	0.498	8.3	105	0.00

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