Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044665.D
Acq On : 16 Jan 2025 11:45
Operator :
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011625

Quant Time: Jan 17 01:23:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 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	Bromochloromethane	1.000	1.000	0.0	88	0.00
2	M	Dichlorodifluoromethane	2.667	2.735	-2.5	91	0.00
3	M	Chloromethane	2.806	2.680	4.5	81	0.00
4	M	Vinyl Chloride	2.745	2.794	-1.8	89	0.00
5	M	Bromomethane	0.663	0.642	3.2	87	0.00
6	M	Chloroethane	0.435	0.413	5.1	84	0.00
7	M	Trichlorofluoromethane	3.006	3.193	-6.2	94	0.00
8	T	Diethyl Ether	1.160	1.203	-3.7	92	0.00
9		1,1,2-Trichlorotrifluoroeth	2.154	2.329	-8.1	98	0.00
10	M	1,1-Dichloroethene	2.216	2.271	-2.5	92	0.00
11		Methyl Iodide	3.071	3.054	0.6	86	0.00
12		Methyl Acetate	3.235	3.424	-5.8	96	0.00
13	M	Acrolein	0.358	0.359	-0.3	107	0.00
14	M	Acrylonitrile	1.179	1.251	-6.1	92	0.00
15	M	Acetone	0.316	0.361	-14.2	102	0.00
16	M	Carbon Disulfide	6.158	6.358	-3.2	91	0.00
17		Allyl chloride	3.996	4.158	-4.1	90	0.00
18	M	Methylene Chloride	2.480	2.452	1.1	85	0.00
19	M	trans-1,2-Dichloroethene	2.203	2.254	-2.3	90	0.00
20	T	Diisopropyl ether	7.253	7.644	-5.4	90	0.00
21	M	1,1-Dichloroethane	4.303	4.433	-3.0	90	0.00
22	M	cis-1,2-Dichloroethene	2.727	2.776	-1.8	86	0.00
23	M	tert-Butyl Alcohol	0.570	0.595	-4.4	89	0.00
24	M	Methyl tert-Butyl Ether	7.678	7.924	-3.2	89	0.00
25	M	Chloroform	4.275	4.380	-2.5	88	0.00
26		Cyclohexane	3.616	3.879	-7.3	95	0.00
27	s	1,2-Dichloroethane-d4	2.896	2.879	0.6	88	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
29		1,1-Dichloropropene	0.522	0.551	-5.6	93	0.00
30	M	2-Butanone	0.287	0.307	-7.0	91	0.00
31		2,2-Dichloropropane	0.722	0.753	-4.3	91	-0.01
32	M	1,1,1-Trichloroethane	0.692	0.710	-2.6	89	0.00
33	M	Carbon Tetrachloride	0.583	0.610	-4.6	91	0.00
34	M	Benzene	1.665	1.740	-4.5	88	0.00
35		Methacrylonitrile	0.320	0.336	-5.0	91	0.00
36	M	1,2-Dichloroethane	0.595	0.609	-2.4	87	0.00
37	M	Trichloroethene	0.402	0.415	-3.2	90	0.00
38		Methylcyclohexane	0.709	0.775	-9.3	98	0.00
39	M	1,2-Dichloropropane	0.415	0.433	-4.3	89	0.00
40		Dibromomethane	0.309	0.316	-2.3	88	0.00
41	M	Bromodichloromethane	0.637	0.646	-1.4	86	0.00
42	M	Vinyl Acetate	1.138	1.220	-7.2	90	0.00
43		Ethyl Acetate	0.562	0.590	-5.0	87	0.00
44		Isopropyl Acetate	1.010	1.052	-4.2	88	0.00
45	T	1,4-Dioxane	0.010	0.010	0.0	83	-0.01
46		Methyl methacrylate	0.494	0.492	0.4	85	0.00
47		n-amyl Acetate	0.848	0.883	-4.1	86	0.00
48	M	t-1,3-Dichloropropene	0.673	0.676	-0.4	85	0.00

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ClientSampleId :
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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)
49	T	cis-1,3-Dichloropropene	0.721	0.735	-1.9	86	0.00
50	M	1,1,2-Trichloroethane	0.397	0.413	-4.0	86	0.00
51		Ethyl methacrylate	0.691	0.705	-2.0	86	0.00
52		1,3-Dichloropropane	0.687	0.708	-3.1	86	0.00
53	M	Dibromochloromethane	0.475	0.476	-0.2	83	0.00
54	M	1,2-Dibromoethane	0.420	0.432	-2.9	86	0.00
55	M	2-Chloroethyl vinyl ether	0.335	0.349	-4.2	87	0.00
56	M	Bromoform	0.315	0.313	0.6	85	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
58	M	4-Methyl-2-Pentanone	0.632	0.688	-8.9	89	0.00
59	M	2-Hexanone	0.463	0.506	-9.3	90	0.00
60	S	4-Bromofluorobenzene	0.583	0.579	0.7	84	0.00
61	M	Tetrachloroethene	0.360	0.375	-4.2	90	0.00
62	M	Toluene	1.975	2.042	-3.4	87	0.00
63	S	Toluene-d8	1.632	1.666	-2.1	86	0.00
64	M	Chlorobenzene	1.227	1.255	-2.3	86	0.00
65		1,1,1,2-Tetrachloroethane	0.441	0.459	-4.1	87	0.00
66	M	Ethyl Benzene	2.156	2.245	-4.1	86	0.00
67	M	m/p-Xylenes	0.792	0.838	-5.8	86	0.00
68	M	o-Xylene	0.795	0.846	-6.4	86	0.00
69	M	Styrene	1.306	1.380	-5.7	85	0.00
70		Isopropylbenzene	1.999	2.105	-5.3	86	0.00
71	M	1,1,2,2-Tetrachloroethane	0.672	0.724	-7.7	89	0.00
72		1,2,3-Trichloropropane	0.565	0.605	-7.1	87	0.00
73		Bromobenzene	0.466	0.475	-1.9	84	0.00
74		n-propylbenzene	2.271	2.392	-5.3	87	0.00
75		2-Chlorotoluene	1.428	1.522	-6.6	87	0.00
76		1,3,5-Trimethylbenzene	1.624	1.707	-5.1	86	0.00
77		t-1,4-Dichloro-2-butene	0.268	0.273	-1.9	86	0.00
78		4-Chlorotoluene	1.573	1.635	-3.9	85	0.00
79		tert-butylbenzene	1.668	1.775	-6.4	86	0.00
80		1,2,4-Trimethylbenzene	1.638	1.714	-4.6	85	0.00
81		sec-Butylbenzene	1.992	2.133	-7.1	88	0.00
82		p-Isopropyltoluene	1.639	1.719	-4.9	86	0.00
83	M	1,3-Dichlorobenzene	0.827	0.853	-3.1	85	0.00
84	M	1,4-Dichlorobenzene	0.811	0.844	-4.1	85	0.00
85		n-Butylbenzene	1.421	1.476	-3.9	87	0.00
86	T	Hexachloroethane	0.361	0.372	-3.0	87	0.00
87	M	1,2-Dichlorobenzene	0.826	0.876	-6.1	86	0.00
88		1,2-Dibromo-3-Chloropropane	0.162	0.165	-1.9	87	0.00
89		1,2,4-Trichlorobenzene	0.513	0.515	-0.4	87	0.00
90		Hexachlorobutadiene	0.199	0.204	-2.5	86	0.00
91	M	Naphthalene	1.921	2.031	-5.7	88	0.00
92		1,2,3-Trichlorobenzene	0.522	0.527	-1.0	84	0.00

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