Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044640.D
Acq On : 09 Jan 2025 02:26
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010825

Quant Time: Jan 09 03:16:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jan 09 02:10:37 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	100	0.00
2	M	Dichlorodifluoromethane	2.709	2.821	-4.1	103	0.00
3	M	Chloromethane	2.719	2.834	-4.2	105	0.00
4	M	Vinyl Chloride	2.561	2.587	-1.0	103	0.00
5	M	Bromomethane	1.291	1.240	4.0	98	0.00
6	M	Chloroethane	1.433	1.537	-7.3	98	0.00
7	M	Trichlorofluoromethane	3.937	3.802	3.4	98	0.00
8	T	Diethyl Ether	1.513	1.368	9.6	93	0.00
9		1,1,2-Trichlorotrifluoroeth	2.115	2.113	0.1	104	0.00
10	M	1,1-Dichloroethene	2.080	2.070	0.5	106	0.00
11		Methyl Iodide	2.907	2.717	6.5	96	0.00
12		Methyl Acetate	2.936	2.938	-0.1	104	0.00
13	M	Acrolein	0.539	0.497	7.8	103	0.00
14	M	Acrylonitrile	1.103	1.101	0.2	103	0.00
15	M	Acetone	0.280	0.281	-0.4	100	0.00
16	M	Carbon Disulfide	4.560	4.493	1.5	115	0.00
17		Allyl chloride	3.586	3.542	1.2	106	0.00
18	M	Methylene Chloride	2.410	2.388	0.9	103	0.00
19	M	trans-1,2-Dichloroethene	2.129	2.085	2.1	102	0.00
20	T	Diisopropyl ether	7.535	7.592	-0.8	105	0.00
21	M	1,1-Dichloroethane	4.247	4.289	-1.0	106	0.00
22	M	cis-1,2-Dichloroethene	2.623	2.574	1.9	102	0.00
23	M	tert-Butyl Alcohol	0.418	0.431	-3.1	108	-0.01
24	M	Methyl tert-Butyl Ether	7.478	7.481	-0.0	106	0.00
25	M	Chloroform	4.556	4.586	-0.7	103	0.00
26		Cyclohexane	3.360	3.353	0.2	105	0.00
27	s	1,2-Dichloroethane-d4	3.284	3.290	-0.2	100	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29		1,1-Dichloropropene	0.541	0.517	4.4	105	0.00
30	M	2-Butanone	0.281	0.284	-1.1	105	0.00
31		2,2-Dichloropropane	0.633	0.611	3.5	106	0.00
32	M	1,1,1-Trichloroethane	0.746	0.728	2.4	105	0.00
33	M	Carbon Tetrachloride	0.608	0.578	4.9	107	0.00
34	M	Benzene	1.685	1.659	1.5	105	0.00
35		Methacrylonitrile	0.330	0.299	9.4	96	0.00
36	M	1,2-Dichloroethane	0.704	0.697	1.0	103	0.00
37	M	Trichloroethene	0.421	0.404	4.0	105	0.00
38		Methylcyclohexane	0.674	0.662	1.8	109	0.00
39	M	1,2-Dichloropropane	0.419	0.434	-3.6	113	0.00
40		Dibromomethane	0.328	0.324	1.2	105	0.00
41	M	Bromodichloromethane	0.617	0.613	0.6	111	0.00
42	M	Vinyl Acetate	1.181	1.146	3.0	107	0.00
43		Ethyl Acetate	0.584	0.585	-0.2	115	0.00
44		Isopropyl Acetate	0.971	0.944	2.8	105	0.00
45	T	1,4-Dioxane	0.007	0.007	0.0	107	0.00
46		Methyl methacrylate	0.474	0.496	-4.6	112	0.00
47		n-amyl Acetate	0.788	0.757	3.9	110	0.00
48	M	t-1,3-Dichloropropene	0.597	0.575	3.7	110	0.00

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ClientSampleId :
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QLast Update : Thu Jan 09 02:10:37 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)
49	T	cis-1,3-Dichloropropene	0.682	0.669	1.9	115	0.00
50	M	1,1,2-Trichloroethane	0.416	0.444	-6.7	114	0.00
51		Ethyl methacrylate	0.636	0.668	-5.0	116	0.00
52		1,3-Dichloropropane	0.713	0.759	-6.5	111	0.00
53	M	Dibromochloromethane	0.433	0.426	1.6	113	0.00
54	M	1,2-Dibromoethane	0.428	0.444	-3.7	110	0.00
55	M	2-Chloroethyl vinyl ether	0.313	0.319	-1.9	112	0.00
56	M	Bromoform	0.267	0.232	13.1	108	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	0.612	0.574	6.2	94	0.00
59	M	2-Hexanone	0.423	0.468	-10.6	107	0.00
60	S	4-Bromofluorobenzene	0.560	0.567	-1.2	100	0.00
61	M	Tetrachloroethene	0.385	0.443	-15.1	114	0.00
62	M	Toluene	1.974	2.150	-8.9	111	0.00
63	S	Toluene-d8	1.677	1.797	-7.2	107	0.00
64	M	Chlorobenzene	1.226	1.236	-0.8	106	0.00
65		1,1,1,2-Tetrachloroethane	0.416	0.424	-1.9	108	0.00
66	M	Ethyl Benzene	2.123	2.161	-1.8	105	0.00
67	M	m/p-Xylenes	0.798	0.783	1.9	101	0.00
68	M	o-Xylene	0.779	0.791	-1.5	104	0.00
69	M	Styrene	1.294	1.297	-0.2	104	0.00
70		Isopropylbenzene	2.008	2.010	-0.1	102	0.00
71	M	1,1,2,2-Tetrachloroethane	0.625	0.644	-3.0	102	0.00
72		1,2,3-Trichloropropane	0.545	0.610	-11.9	106	0.00
73		Bromobenzene	0.472	0.486	-3.0	101	0.00
74		n-propylbenzene	2.276	2.261	0.7	103	0.00
75		2-Chlorotoluene	1.431	1.454	-1.6	103	0.00
76		1,3,5-Trimethylbenzene	1.669	1.708	-2.3	102	0.00
77		t-1,4-Dichloro-2-butene	0.173	0.162	6.4	103	0.00
78		4-Chlorotoluene	1.589	1.611	-1.4	103	0.00
79		tert-butylbenzene	1.639	1.676	-2.3	104	0.00
80		1,2,4-Trimethylbenzene	1.645	1.686	-2.5	102	0.00
81		sec-Butylbenzene	1.983	1.983	0.0	103	0.00
82		p-Isopropyltoluene	1.649	1.624	1.5	103	0.00
83	M	1,3-Dichlorobenzene	0.854	0.862	-0.9	107	0.00
84	M	1,4-Dichlorobenzene	0.854	0.865	-1.3	107	0.00
85		n-Butylbenzene	1.404	1.331	5.2	97	0.00
86	T	Hexachloroethane	0.260	0.251	3.5	108	0.00
87	M	1,2-Dichlorobenzene	0.871	0.873	-0.2	100	0.00
88		1,2-Dibromo-3-Chloropropane	0.120	0.119	0.8	107	0.00
89		1,2,4-Trichlorobenzene	0.500	0.481	3.8	103	0.00
90		Hexachlorobutadiene	0.203	0.197	3.0	102	0.00
91	M	Naphthalene	1.692	1.712	-1.2	106	0.00
92		1,2,3-Trichlorobenzene	0.514	0.512	0.4	103	0.00

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