Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031812.D
Acq On : 30 Sep 2022 14:09
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX093022

Quant Time: Oct 03 01:03:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 03 00:56:55 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	102	0.00
2	M	Dichlorodifluoromethane	1.251	1.375	-9.9	110	0.00
3	M	Chloromethane	1.311	1.454	-10.9	104	0.00
4	M	Vinyl Chloride	1.758	1.902	-8.2	102	0.00
5	M	Bromomethane	1.609	1.787	-11.1	114	0.00
6	M	Chloroethane	1.550	1.494	3.6	96	0.00
7	M	Trichlorofluoromethane	3.758	4.109	-9.3	103	0.00
8	T	Diethyl Ether	1.273	1.421	-11.6	103	0.00
9		1,1,2-Trichlorotrifluoroeth	1.783	1.980	-11.0	107	0.00
10	M	1,1-Dichloroethene	1.647	1.720	-4.4	103	0.00
11		Methyl Iodide	1.803	1.410	21.8	92	0.00
12		Methyl Acetate	1.882	2.054	-9.1	104	0.00
13	M	Acrolein	0.167	0.163	2.4	106	0.00
14	M	Acrylonitrile	0.799	0.843	-5.5	100	0.00
15	M	Acetone	0.216	0.256	-18.5	109	0.00
16	M	Carbon Disulfide	3.613	3.721	-3.0	107	0.00
17		Allyl chloride	1.994	2.116	-6.1	103	0.00
18	M	Methylene Chloride	1.885	2.021	-7.2	103	0.00
19	M	trans-1,2-Dichloroethene	1.907	1.996	-4.7	103	0.00
20	T	Diisopropyl ether	4.582	4.992	-8.9	102	0.00
21	M	1,1-Dichloroethane	2.989	3.181	-6.4	103	0.00
22	M	cis-1,2-Dichloroethene	2.304	2.444	-6.1	106	0.00
23	M	tert-Butyl Alcohol	0.298	0.329	-10.4	102	-0.01
24	M	Methyl tert-Butyl Ether	5.661	6.003	-6.0	103	0.00
25	M	Chloroform	3.670	3.935	-7.2	103	0.00
26		Cyclohexane	2.466	2.697	-9.4	104	0.00
27	s	1,2-Dichloroethane-d4	2.258	2.369	-4.9	100	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29		1,1-Dichloropropene	0.465	0.489	-5.2	106	0.00
30	M	2-Butanone	0.189	0.203	-7.4	101	0.00
31		2,2-Dichloropropane	0.466	0.476	-2.1	107	0.00
32	M	1,1,1-Trichloroethane	0.616	0.624	-1.3	105	0.00
33	M	Carbon Tetrachloride	0.564	0.573	-1.6	105	0.00
34	M	Benzene	1.376	1.439	-4.6	104	0.00
35		Methacrylonitrile	0.198	0.207	-4.5	102	0.00
36	M	1,2-Dichloroethane	0.485	0.521	-7.4	104	0.00
37	M	Trichloroethene	0.449	0.455	-1.3	107	0.00
38		Methylcyclohexane	0.569	0.594	-4.4	107	0.00
39	M	1,2-Dichloropropane	0.315	0.333	-5.7	107	0.00
40		Dibromomethane	0.275	0.281	-2.2	101	0.00
41	M	Bromodichloromethane	0.499	0.513	-2.8	106	0.00
42	M	Vinyl Acetate	0.683	0.725	-6.1	104	0.00
43		Ethyl Acetate	0.380	0.390	-2.6	98	0.00
44		Isopropyl Acetate	0.605	0.628	-3.8	103	0.00
45	T	1,4-Dioxane	0.009	0.009	0.0	94	0.00
46		Methyl methacrylate	0.282	0.299	-6.0	102	0.00
47		n-amyl Acetate	0.519	0.548	-5.6	106	0.00
48	M	t-1,3-Dichloropropene	0.492	0.493	-0.2	106	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.540	0.535	0.9	102	0.00
50	M	1,1,2-Trichloroethane	0.398	0.422	-6.0	106	0.00
51		Ethyl methacrylate	0.517	0.537	-3.9	103	0.00
52		1,3-Dichloropropane	0.611	0.650	-6.4	104	0.00
53	M	Dibromochloromethane	0.444	0.445	-0.2	108	0.00
54	M	1,2-Dibromoethane	0.441	0.458	-3.9	105	0.00
55	M	2-Chloroethyl vinyl ether	0.253	0.243	4.0	91	0.00
56	M	Bromoform	0.325	0.303	6.8	106	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.403	0.442	-9.7	101	0.00
59	M	2-Hexanone	0.302	0.333	-10.3	102	0.00
60	S	4-Bromofluorobenzene	0.555	0.578	-4.1	102	0.00
61	M	Tetrachloroethene	0.482	0.491	-1.9	105	0.00
62	M	Toluene	1.718	1.855	-8.0	107	0.00
63	S	Toluene-d8	1.524	1.579	-3.6	102	0.00
64	M	Chlorobenzene	1.172	1.240	-5.8	105	0.00
65		1,1,1,2-Tetrachloroethane	0.444	0.467	-5.2	109	0.00
66	M	Ethyl Benzene	1.936	2.065	-6.7	104	0.00
67	M	m/p-Xylenes	0.806	0.866	-7.4	104	0.00
68	M	o-Xylene	0.791	0.862	-9.0	107	0.00
69	M	Styrene	1.285	1.384	-7.7	105	0.00
70		Isopropylbenzene	2.057	2.254	-9.6	106	0.00
71	M	1,1,2,2-Tetrachloroethane	0.586	0.643	-9.7	105	0.00
72		1,2,3-Trichloropropane	0.508	0.558	-9.8	103	0.00
73		Bromobenzene	0.552	0.588	-6.5	108	0.00
74		n-propylbenzene	2.261	2.482	-9.8	106	0.00
75		2-Chlorotoluene	1.359	1.501	-10.4	106	0.00
76		1,3,5-Trimethylbenzene	1.734	1.918	-10.6	106	0.00
77		t-1,4-Dichloro-2-butene	0.147	0.136	7.5	104	0.00
78		4-Chlorotoluene	1.550	1.729	-11.5	107	0.00
79		tert-butylbenzene	1.743	1.888	-8.3	105	0.00
80		1,2,4-Trimethylbenzene	1.719	1.904	-10.8	106	0.00
81		sec-Butylbenzene	2.134	2.344	-9.8	107	0.00
82		p-Isopropyltoluene	1.876	2.097	-11.8	108	0.00
83	M	1,3-Dichlorobenzene	1.044	1.136	-8.8	110	0.00
84	M	1,4-Dichlorobenzene	1.070	1.145	-7.0	107	0.00
85		n-Butylbenzene	1.446	1.603	-10.9	110	0.00
86	T	Hexachloroethane	0.294	0.298	-1.4	107	0.00
87	M	1,2-Dichlorobenzene	1.041	1.118	-7.4	108	0.00
88		1,2-Dibromo-3-Chloropropane	0.118	0.121	-2.5	101	0.00
89		1,2,4-Trichlorobenzene	0.674	0.699	-3.7	113	0.00
90		Hexachlorobutadiene	0.271	0.285	-5.2	117	0.00
91	M	Naphthalene	2.156	2.294	-6.4	105	0.00
92		1,2,3-Trichlorobenzene	0.667	0.713	-6.9	115	0.00

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