Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042822\
Data File : VX028410.D
Acq On : 28 Apr 2022 19:53
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042822

Quant Time: Apr 29 06:24:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 29 06:09:36 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	96	0.00
2	M	Dichlorodifluoromethane	1.061	1.049	1.1	94	0.00
3	M	Chloromethane	0.837	0.859	-2.6	98	0.00
4	M	Vinyl Chloride	1.064	1.084	-1.9	98	0.00
5	M	Bromomethane	0.876	0.933	-6.5	105	0.00
6	M	Chloroethane	0.819	0.809	1.2	97	0.00
7	M	Trichlorofluoromethane	2.326	2.323	0.1	98	0.00
8	T	Diethyl Ether	0.917	0.919	-0.2	99	0.00
9		1,1,2-Trichlorotrifluoroeth	1.368	1.303	4.8	97	0.00
10	M	1,1-Dichloroethene	1.131	1.081	4.4	97	0.00
11		Methyl Iodide	1.519	1.264	16.8	89	0.00
12		Methyl Acetate	1.806	1.841	-1.9	99	0.00
13	M	Acrolein	0.366	0.380	-3.8	105	0.00
14	M	Acrylonitrile	0.822	0.837	-1.8	97	0.00
15	M	Acetone	0.233	0.238	-2.1	98	0.00
16	M	Carbon Disulfide	1.337	1.337	0.0	106	0.00
17		Allyl chloride	1.699	1.629	4.1	96	0.00
18	M	Methylene Chloride	1.453	1.409	3.0	97	0.00
19	M	trans-1,2-Dichloroethene	1.249	1.231	1.4	98	0.00
20	T	Diisopropyl ether	4.224	4.107	2.8	95	0.00
21	M	1,1-Dichloroethane	2.497	2.461	1.4	97	0.00
22	M	cis-1,2-Dichloroethene	1.759	1.694	3.7	95	0.00
23	M	tert-Butyl Alcohol	0.444	0.456	-2.7	100	0.00
24	M	Methyl tert-Butyl Ether	4.973	4.829	2.9	96	0.00
25	M	Chloroform	2.934	2.881	1.8	97	0.00
26		Cyclohexane	1.578	1.560	1.1	97	0.00
27	s	1,2-Dichloroethane-d4	1.908	1.986	-4.1	100	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29		1,1-Dichloropropene	0.319	0.313	1.9	96	0.00
30	M	2-Butanone	0.201	0.208	-3.5	98	0.00
31		2,2-Dichloropropane	0.392	0.361	7.9	93	0.00
32	M	1,1,1-Trichloroethane	0.449	0.440	2.0	99	0.00
33	M	Carbon Tetrachloride	0.382	0.362	5.2	95	0.00
34	M	Benzene	1.016	0.993	2.3	96	0.00
35		Methacrylonitrile	0.203	0.198	2.5	93	0.00
36	M	1,2-Dichloroethane	0.379	0.374	1.3	97	0.00
37	M	Trichloroethene	0.311	0.300	3.5	97	0.00
38		Methylcyclohexane	0.327	0.316	3.4	95	0.00
39	M	1,2-Dichloropropane	0.267	0.260	2.6	96	0.00
40		Dibromomethane	0.205	0.200	2.4	95	0.00
41	M	Bromodichloromethane	0.389	0.372	4.4	99	0.00
42	M	Vinyl Acetate	0.623	0.627	-0.6	98	0.00
43		Ethyl Acetate	0.376	0.387	-2.9	99	0.00
44		Isopropyl Acetate	0.607	0.594	2.1	98	0.00
45	T	1,4-Dioxane	0.008	0.008	0.0	101	0.00
46		Methyl methacrylate	0.277	0.271	2.2	97	0.00
47		n-amyl Acetate	0.525	0.503	4.2	98	0.00
48	M	t-1,3-Dichloropropene	0.408	0.380	6.9	99	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.439	0.411	6.4	95	0.00
50	M	1,1,2-Trichloroethane	0.322	0.324	-0.6	100	0.00
51		Ethyl methacrylate	0.461	0.442	4.1	97	0.00
52		1,3-Dichloropropane	0.504	0.496	1.6	97	0.00
53	M	Dibromochloromethane	0.330	0.305	7.6	99	0.00
54	M	1,2-Dibromoethane	0.335	0.325	3.0	96	0.00
55	M	2-Chloroethyl vinyl ether	0.242	0.240	0.8	100	0.00
56	M	Bromoform	0.254	0.221	13.0	99	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58	M	4-Methyl-2-Pentanone	0.436	0.448	-2.8	98	0.00
59	M	2-Hexanone	0.338	0.350	-3.6	98	0.00
60	S	4-Bromofluorobenzene	0.467	0.463	0.9	98	0.00
61	M	Tetrachloroethene	0.331	0.316	4.5	95	0.00
62	M	Toluene	1.301	1.282	1.5	97	0.00
63	S	Toluene-d8	1.271	1.290	-1.5	98	0.00
64	M	Chlorobenzene	0.918	0.902	1.7	97	0.00
65		1,1,1,2-Tetrachloroethane	0.359	0.344	4.2	98	0.00
66	M	Ethyl Benzene	1.534	1.501	2.2	97	0.00
67	M	m/p-Xylenes	0.615	0.603	2.0	97	0.00
68	M	o-Xylene	0.625	0.611	2.2	97	0.00
69	M	Styrene	1.044	1.006	3.6	96	0.00
70		Isopropylbenzene	1.626	1.586	2.5	96	0.00
71	M	1,1,2,2-Tetrachloroethane	0.552	0.552	0.0	98	0.00
72		1,2,3-Trichloropropane	0.491	0.488	0.6	97	0.00
73		Bromobenzene	0.438	0.416	5.0	97	0.00
74		n-propylbenzene	1.813	1.779	1.9	98	0.00
75		2-Chlorotoluene	1.123	1.097	2.3	97	0.00
76		1,3,5-Trimethylbenzene	1.363	1.328	2.6	97	0.00
77		t-1,4-Dichloro-2-butene	0.149	0.128	14.1	99	0.00
78		4-Chlorotoluene	1.270	1.237	2.6	98	0.00
79		tert-butylbenzene	1.383	1.349	2.5	100	0.00
80		1,2,4-Trimethylbenzene	1.369	1.343	1.9	98	0.00
81		sec-Butylbenzene	1.640	1.590	3.0	98	0.00
82		p-Isopropyltoluene	1.423	1.364	4.1	97	0.00
83	M	1,3-Dichlorobenzene	0.822	0.796	3.2	98	0.00
84	M	1,4-Dichlorobenzene	0.836	0.799	4.4	98	0.00
85		n-Butylbenzene	1.149	1.069	7.0	96	0.00
86	T	Hexachloroethane	0.224	0.202	9.8	100	0.00
87	M	1,2-Dichlorobenzene	0.828	0.802	3.1	98	0.00
88		1,2-Dibromo-3-Chloropropane	0.118	0.114	3.4	100	0.00
89		1,2,4-Trichlorobenzene	0.517	0.475	8.1	97	0.00
90		Hexachlorobutadiene	0.219	0.202	7.8	98	0.00
91	M	Naphthalene	1.808	1.735	4.0	98	0.00
92		1,2,3-Trichlorobenzene	0.519	0.480	7.5	98	0.00

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