Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
Data File : VX030205.D
Acq On : 26 Jul 2022 10:51
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jul 26 11:15:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jul 09 02:10:54 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	108	0.00
2	M	Dichlorodifluoromethane	2.051	2.135	-4.1	107	0.00
3	M	Chloromethane	2.139	1.969	7.9	98	0.00
4	M	Vinyl Chloride	2.424	2.092	13.7	94	0.00
5	M	Bromomethane	0.999	0.991	0.8	93	0.00
6	M	Chloroethane	1.298	1.227	5.5	97	0.00
7	M	Trichlorofluoromethane	3.073	2.932	4.6	104	0.00
8	T	Diethyl Ether	1.307	1.160	11.2	99	0.00
9		1,1,2-Trichlorotrifluoroeth	2.069	2.133	-3.1	112	0.00
10	M	1,1-Dichloroethene	2.113	2.121	-0.4	108	0.00
11		Methyl Iodide	1.752	1.990	-13.6	161#	0.00
12		Methyl Acetate	3.441	4.232	-23.0	135	0.00
13	M	Acrolein	0.404	0.158	60.9#	45#	0.00
14	M	Acrylonitrile	1.481	1.638	-10.6	119	0.00
15	M	Acetone	0.402	0.419	-4.2	112	0.00
16	M	Carbon Disulfide	5.515	5.385	2.4	109	0.00
17		Allyl chloride	3.723	4.261	-14.5	127	0.00
18	M	Methylene Chloride	2.461	2.496	-1.4	109	0.00
19	M	trans-1,2-Dichloroethene	2.293	2.324	-1.4	112	0.00
20	T	Diisopropyl ether	7.458	8.431	-13.0	126	0.00
21	M	1,1-Dichloroethane	4.015	4.369	-8.8	119	0.00
22	M	cis-1,2-Dichloroethene	2.722	2.641	3.0	107	0.00
23	M	tert-Butyl Alcohol	0.678	0.666	1.8	113	0.00
24	M	Methyl tert-Butyl Ether	6.815	7.306	-7.2	119	0.00
25	M	Chloroform	4.002	4.300	-7.4	120	0.00
26		Cyclohexane	3.720	3.930	-5.6	119	0.00
27	s	1,2-Dichloroethane-d4	2.446	2.706	-10.6	122	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29		1,1-Dichloropropene	0.513	0.565	-10.1	120	0.00
30	M	2-Butanone	0.346	0.409	-18.2	123	0.00
31		2,2-Dichloropropane	0.491	0.565	-15.1	124	0.00
32	M	1,1,1-Trichloroethane	0.552	0.631	-14.3	122	0.00
33	M	Carbon Tetrachloride	0.463	0.532	-14.9	123	0.00
34	M	Benzene	1.649	1.766	-7.1	111	0.00
35		Methacrylonitrile	0.351	0.433	-23.4	132	0.00
36	M	1,2-Dichloroethane	0.502	0.605	-20.5	128	0.00
37	M	Trichloroethene	0.441	0.460	-4.3	110	0.00
38		Methylcyclohexane	0.666	0.712	-6.9	114	0.00
39	M	1,2-Dichloropropane	0.420	0.473	-12.6	117	0.00
40		Dibromomethane	0.285	0.305	-7.0	114	0.00
41	M	Bromodichloromethane	0.508	0.579	-14.0	120	0.00
42	M	Vinyl Acetate	1.108	1.300	-17.3	124	0.00
43		Ethyl Acetate	0.653	0.770	-17.9	120	0.00
44		Isopropyl Acetate	0.991	1.159	-17.0	125	0.00
45	T	1,4-Dioxane	0.012	0.012	0.0	111	0.00
46		Methyl methacrylate	0.470	0.563	-19.8	129	0.00
47		n-amyl Acetate	0.852	0.927	-8.8	123	0.00
48	M	t-1,3-Dichloropropene	0.562	0.604	-7.5	120	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.631	0.684	-8.4	116	0.00
50	M	1,1,2-Trichloroethane	0.422	0.436	-3.3	108	0.00
51		Ethyl methacrylate	0.656	0.718	-9.5	118	0.00
52		1,3-Dichloropropane	0.678	0.730	-7.7	113	0.00
53	M	Dibromochloromethane	0.390	0.431	-10.5	120	0.00
54	M	1,2-Dibromoethane	0.438	0.471	-7.5	113	0.00
55	M	2-Chloroethyl vinyl ether	0.338	0.354	-4.7	111	0.00
56	M	Bromoform	0.273	0.279	-2.2	115	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
58	M	4-Methyl-2-Pentanone	0.741	0.860	-16.1	127	0.00
59	M	2-Hexanone	0.573	0.672	-17.3	128	0.00
60	S	4-Bromofluorobenzene	0.565	0.583	-3.2	116	0.00
61	M	Tetrachloroethene	0.450	0.482	-7.1	111	0.00
62	M	Toluene	1.996	2.052	-2.8	111	0.00
63	S	Toluene-d8	1.627	1.628	-0.1	107	0.00
64	M	Chlorobenzene	1.192	1.212	-1.7	111	0.00
65		1,1,1,2-Tetrachloroethane	0.416	0.441	-6.0	115	0.00
66	M	Ethyl Benzene	2.121	2.241	-5.7	115	0.00
67	M	m/p-Xylenes	0.823	0.859	-4.4	112	0.00
68	M	o-Xylene	0.819	0.846	-3.3	110	0.00
69	M	Styrene	1.356	1.374	-1.3	112	0.00
70		Isopropylbenzene	2.063	2.178	-5.6	116	0.00
71	M	1,1,2,2-Tetrachloroethane	0.750	0.759	-1.2	111	0.00
72		1,2,3-Trichloropropane	0.674	0.707	-4.9	110	0.00
73		Bromobenzene	0.495	0.499	-0.8	112	0.00
74		n-propylbenzene	2.475	2.658	-7.4	119	0.00
75		2-Chlorotoluene	1.458	1.568	-7.5	118	0.00
76		1,3,5-Trimethylbenzene	1.732	1.863	-7.6	120	0.00
77		t-1,4-Dichloro-2-butene	0.232	0.230	0.9	116	0.00
78		4-Chlorotoluene	1.636	1.773	-8.4	120	0.00
79		tert-butylbenzene	1.685	1.727	-2.5	115	0.00
80		1,2,4-Trimethylbenzene	1.781	1.822	-2.3	116	0.00
81		sec-Butylbenzene	2.281	2.326	-2.0	114	0.00
82		p-Isopropyltoluene	1.836	1.869	-1.8	114	0.00
83	M	1,3-Dichlorobenzene	0.957	0.945	1.3	110	0.00
84	M	1,4-Dichlorobenzene	0.971	0.951	2.1	110	0.00
85		n-Butylbenzene	1.723	1.749	-1.5	119	0.00
86	T	Hexachloroethane	0.305	0.316	-3.6	123	0.00
87	M	1,2-Dichlorobenzene	0.945	0.985	-4.2	116	0.00
88		1,2-Dibromo-3-Chloropropane	0.171	0.204	-19.3	136	0.00
89		1,2,4-Trichlorobenzene	0.585	0.570	2.6	110	0.00
90		Hexachlorobutadiene	0.222	0.225	-1.4	119	0.00
91	M	Naphthalene	2.333	2.327	0.3	111	0.00
92		1,2,3-Trichlorobenzene	0.596	0.590	1.0	114	0.00

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