Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
Data File : VX030007.D
Acq On : 11 Jul 2022 19:27
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jul 12 01:24:22 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	96	0.00
2	M	Dichlorodifluoromethane	2.051	1.933	5.8	86	0.00
3	M	Chloromethane	2.139	1.945	9.1	86	0.00
4	M	Vinyl Chloride	2.424	2.189	9.7	88	0.00
5	M	Bromomethane	0.999	0.924	7.5	77	0.00
6	M	Chloroethane	1.298	1.224	5.7	86	0.00
7	M	Trichlorofluoromethane	3.073	2.840	7.6	89	0.00
8	T	Diethyl Ether	1.307	1.154	11.7	87	0.00
9		1,1,2-Trichlorotrifluoroeth	2.069	1.875	9.4	87	0.00
10	M	1,1-Dichloroethene	2.113	1.937	8.3	88	0.00
11		Methyl Iodide	1.752	1.518	13.4	109	0.00
12		Methyl Acetate	3.441	3.201	7.0	91	0.00
13	M	Acrolein	0.404	0.266	34.2#	67	0.00
14	M	Acrylonitrile	1.481	1.369	7.6	89	0.00
15	M	Acetone	0.402	0.387	3.7	92	0.00
16	M	Carbon Disulfide	5.515	5.126	7.1	93	0.00
17		Allyl chloride	3.723	3.324	10.7	88	0.00
18	M	Methylene Chloride	2.461	2.314	6.0	90	0.00
19	M	trans-1,2-Dichloroethene	2.293	2.116	7.7	91	0.00
20	T	Diisopropyl ether	7.458	6.566	12.0	87	0.00
21	M	1,1-Dichloroethane	4.015	3.603	10.3	87	0.00
22	M	cis-1,2-Dichloroethene	2.722	2.424	10.9	88	0.00
23	M	tert-Butyl Alcohol	0.678	0.660	2.7	99	0.00
24	M	Methyl tert-Butyl Ether	6.815	6.208	8.9	90	0.00
25	M	Chloroform	4.002	3.615	9.7	90	0.00
26		Cyclohexane	3.720	3.282	11.8	88	0.00
27	s	1,2-Dichloroethane-d4	2.446	2.304	5.8	92	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29		1,1-Dichloropropene	0.513	0.467	9.0	88	0.00
30	M	2-Butanone	0.346	0.335	3.2	91	0.00
31		2,2-Dichloropropane	0.491	0.378	23.0	74	0.00
32	M	1,1,1-Trichloroethane	0.552	0.533	3.4	93	0.00
33	M	Carbon Tetrachloride	0.463	0.445	3.9	92	0.00
34	M	Benzene	1.649	1.549	6.1	87	0.00
35		Methacrylonitrile	0.351	0.330	6.0	90	0.00
36	M	1,2-Dichloroethane	0.502	0.471	6.2	89	0.00
37	M	Trichloroethene	0.441	0.424	3.9	91	0.00
38		Methylcyclohexane	0.666	0.593	11.0	85	0.00
39	M	1,2-Dichloropropane	0.420	0.389	7.4	86	0.00
40		Dibromomethane	0.285	0.276	3.2	92	0.00
41	M	Bromodichloromethane	0.508	0.510	-0.4	95	0.00
42	M	Vinyl Acetate	1.108	1.029	7.1	88	0.00
43		Ethyl Acetate	0.653	0.621	4.9	87	0.00
44		Isopropyl Acetate	0.991	0.935	5.7	90	0.00
45	T	1,4-Dioxane	0.012	0.012	0.0	94	0.00
46		Methyl methacrylate	0.470	0.441	6.2	91	0.00
47		n-amyl Acetate	0.852	0.800	6.1	95	0.00
48	M	t-1,3-Dichloropropene	0.562	0.511	9.1	91	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.631	0.584	7.4	89	0.00
50	M	1,1,2-Trichloroethane	0.422	0.398	5.7	88	0.00
51		Ethyl methacrylate	0.656	0.600	8.5	89	0.00
52		1,3-Dichloropropane	0.678	0.644	5.0	89	0.00
53	M	Dibromochloromethane	0.390	0.401	-2.8	100	0.00
54	M	1,2-Dibromoethane	0.438	0.421	3.9	91	0.00
55	M	2-Chloroethyl vinyl ether	0.338	0.335	0.9	94	0.00
56	M	Bromoform	0.273	0.296	-8.4	109	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58	M	4-Methyl-2-Pentanone	0.741	0.721	2.7	92	0.00
59	M	2-Hexanone	0.573	0.560	2.3	92	0.00
60	S	4-Bromofluorobenzene	0.565	0.563	0.4	97	0.00
61	M	Tetrachloroethene	0.450	0.463	-2.9	92	0.00
62	M	Toluene	1.996	1.916	4.0	90	0.00
63	S	Toluene-d8	1.627	1.624	0.2	92	0.00
64	M	Chlorobenzene	1.192	1.126	5.5	89	0.00
65		1,1,1,2-Tetrachloroethane	0.416	0.399	4.1	90	0.00
66	M	Ethyl Benzene	2.121	1.986	6.4	88	0.00
67	M	m/p-Xylenes	0.823	0.790	4.0	89	0.00
68	M	o-Xylene	0.819	0.792	3.3	89	0.00
69	M	Styrene	1.356	1.327	2.1	93	0.00
70		Isopropylbenzene	2.063	1.961	4.9	90	0.00
71	M	1,1,2,2-Tetrachloroethane	0.750	0.699	6.8	88	0.00
72		1,2,3-Trichloropropane	0.674	0.633	6.1	86	0.00
73		Bromobenzene	0.495	0.482	2.6	94	0.00
74		n-propylbenzene	2.475	2.301	7.0	89	0.00
75		2-Chlorotoluene	1.458	1.362	6.6	89	0.00
76		1,3,5-Trimethylbenzene	1.732	1.644	5.1	91	0.00
77		t-1,4-Dichloro-2-butene	0.232	0.213	8.2	93	0.00
78		4-Chlorotoluene	1.636	1.494	8.7	87	0.00
79		tert-butylbenzene	1.685	1.579	6.3	91	0.00
80		1,2,4-Trimethylbenzene	1.781	1.631	8.4	90	0.00
81		sec-Butylbenzene	2.281	2.079	8.9	88	0.00
82		p-Isopropyltoluene	1.836	1.653	10.0	87	0.00
83	M	1,3-Dichlorobenzene	0.957	0.891	6.9	90	0.00
84	M	1,4-Dichlorobenzene	0.971	0.892	8.1	89	0.00
85		n-Butylbenzene	1.723	1.510	12.4	89	0.00
86	T	Hexachloroethane	0.305	0.304	0.3	102	0.00
87	M	1,2-Dichlorobenzene	0.945	0.909	3.8	92	0.00
88		1,2-Dibromo-3-Chloropropane	0.171	0.168	1.8	97	0.00
89		1,2,4-Trichlorobenzene	0.585	0.533	8.9	89	0.00
90		Hexachlorobutadiene	0.222	0.203	8.6	93	0.00
91	M	Naphthalene	2.333	2.522	-8.1	104	0.00
92		1,2,3-Trichlorobenzene	0.596	0.556	6.7	93	0.00

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