Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027124.D
Acq On : 18 Feb 2022 20:44
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Feb 21 00:21:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 18 05:14:00 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	100	0.00
2	M	Dichlorodifluoromethane	1.722	1.581	8.2	87	0.00
3	M	Chloromethane	1.636	1.437	12.2	83	0.00
4	M	Vinyl Chloride	1.632	1.487	8.9	89	0.00
5	M	Bromomethane	0.797	0.993	-24.6	98	0.00
6	M	Chloroethane	0.974	0.908	6.8	88	0.00
7	M	Trichlorofluoromethane	2.544	2.411	5.2	93	0.00
8	T	Diethyl Ether	0.915	0.846	7.5	91	0.00
9		1,1,2-Trichlorotrifluoroeth	1.772	1.654	6.7	91	0.00
10	M	1,1-Dichloroethene	1.740	1.611	7.4	90	0.00
11		Methyl Iodide	2.300	2.032	11.7	91	0.00
12		Methyl Acetate	2.566	2.280	11.1	86	0.00
13	M	Acrolein	0.418	0.367	12.2	103	0.00
14	M	Acrylonitrile	1.124	1.002	10.9	85	0.00
15	M	Acetone	0.302	0.258	14.6	80	0.00
16	M	Carbon Disulfide	4.559	3.986	12.6	87	0.00
17		Allyl chloride	3.124	2.751	11.9	88	0.00
18	M	Methylene Chloride	1.962	1.790	8.8	89	0.00
19	M	trans-1,2-Dichloroethene	1.897	1.797	5.3	93	0.00
20	T	Diisopropyl ether	6.178	5.740	7.1	89	0.00
21	M	1,1-Dichloroethane	3.439	3.148	8.5	89	0.00
22	M	cis-1,2-Dichloroethene	2.182	2.032	6.9	91	0.00
23	M	tert-Butyl Alcohol	0.440	0.333	24.3	74	0.00
24	M	Methyl tert-Butyl Ether	6.111	5.611	8.2	90	0.00
25	M	Chloroform	3.526	3.228	8.5	89	0.00
26		Cyclohexane	3.189	2.996	6.1	91	0.00
27	s	1,2-Dichloroethane-d4	2.169	2.152	0.8	100	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29		1,1-Dichloropropene	0.477	0.420	11.9	88	0.00
30	M	2-Butanone	0.286	0.247	13.6	84	0.00
31		2,2-Dichloropropane	0.420	0.367	12.6	91	0.00
32	M	1,1,1-Trichloroethane	0.565	0.499	11.7	89	0.00
33	M	Carbon Tetrachloride	0.495	0.430	13.1	89	-0.01
34	M	Benzene	1.400	1.270	9.3	90	0.00
35		Methacrylonitrile	0.296	0.265	10.5	89	0.00
36	M	1,2-Dichloroethane	0.504	0.456	9.5	90	0.00
37	M	Trichloroethene	0.412	0.375	9.0	91	0.00
38		Methylcyclohexane	0.587	0.531	9.5	90	0.00
39	M	1,2-Dichloropropane	0.353	0.310	12.2	87	0.00
40		Dibromomethane	0.253	0.223	11.9	88	0.00
41	M	Bromodichloromethane	0.477	0.408	14.5	86	0.00
42	M	Vinyl Acetate	0.972	0.852	12.3	87	0.00
43		Ethyl Acetate	0.547	0.484	11.5	86	0.00
44		Isopropyl Acetate	0.846	0.731	13.6	86	0.00
45	T	1,4-Dioxane	0.009	0.007	22.2	76	0.00
46		Methyl methacrylate	0.415	0.360	13.3	86	0.00
47		n-amyl Acetate	0.672	0.544	19.0	81	0.00
48	M	t-1,3-Dichloropropene	0.475	0.392	17.5	87	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.538	0.458	14.9	87	0.00
50	M	1,1,2-Trichloroethane	0.348	0.315	9.5	86	0.00
51		Ethyl methacrylate	0.554	0.481	13.2	86	0.00
52		1,3-Dichloropropane	0.596	0.529	11.2	87	0.00
53	M	Dibromochloromethane	0.361	0.289	19.9	81	0.00
54	M	1,2-Dibromoethane	0.371	0.323	12.9	87	0.00
55	M	2-Chloroethyl vinyl ether	0.270	0.242	10.4	101	0.00
56	M	Bromoform	0.251	0.191	23.9	80	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	0.617	0.543	12.0	84	0.00
59	M	2-Hexanone	0.469	0.402	14.3	82	0.00
60	S	4-Bromofluorobenzene	0.488	0.482	1.2	101	0.00
61	M	Tetrachloroethene	0.484	0.438	9.5	87	0.00
62	M	Toluene	1.699	1.562	8.1	89	0.00
63	S	Toluene-d8	1.345	1.339	0.4	100	0.00
64	M	Chlorobenzene	1.052	0.953	9.4	90	0.00
65		1,1,1,2-Tetrachloroethane	0.389	0.337	13.4	88	0.00
66	M	Ethyl Benzene	1.871	1.698	9.2	89	0.00
67	M	m/p-Xylenes	0.723	0.662	8.4	89	0.00
68	M	o-Xylene	0.710	0.650	8.5	89	0.00
69	M	Styrene	1.175	1.052	10.5	88	0.00
70		Isopropylbenzene	1.840	1.679	8.8	88	0.00
71	M	1,1,2,2-Tetrachloroethane	0.542	0.472	12.9	84	0.00
72		1,2,3-Trichloropropane	0.541	0.465	14.0	84	0.00
73		Bromobenzene	0.451	0.407	9.8	88	0.00
74		n-propylbenzene	2.103	1.912	9.1	90	0.00
75		2-Chlorotoluene	1.301	1.155	11.2	87	0.00
76		1,3,5-Trimethylbenzene	1.540	1.397	9.3	88	0.00
77		t-1,4-Dichloro-2-butene	0.157	0.111	29.3#	76	0.00
78		4-Chlorotoluene	1.454	1.296	10.9	87	0.00
79		tert-butylbenzene	1.470	1.305	11.2	89	0.00
80		1,2,4-Trimethylbenzene	1.537	1.383	10.0	88	0.00
81		sec-Butylbenzene	1.883	1.685	10.5	88	0.00
82		p-Isopropyltoluene	1.582	1.436	9.2	90	0.00
83	M	1,3-Dichlorobenzene	0.838	0.750	10.5	89	0.00
84	M	1,4-Dichlorobenzene	0.841	0.743	11.7	87	0.00
85		n-Butylbenzene	1.314	1.164	11.4	90	0.00
86	T	Hexachloroethane	0.251	0.190	24.3	80	0.00
87	M	1,2-Dichlorobenzene	0.813	0.730	10.2	87	0.00
88		1,2-Dibromo-3-Chloropropane	0.133	0.102	23.3	78	0.00
89		1,2,4-Trichlorobenzene	0.512	0.459	10.4	92	0.00
90		Hexachlorobutadiene	0.214	0.195	8.9	93	0.00
91	M	Naphthalene	1.800	1.629	9.5	91	0.00
92		1,2,3-Trichlorobenzene	0.518	0.474	8.5	94	0.00

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