Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030322\
Data File : VX027288.D
Acq On : 03 Mar 2022 22:57
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Mar 04 02:42:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 04 01:00:22 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	103	0.00
2	M	Dichlorodifluoromethane	1.920	1.714	10.7	89	0.00
3	M	Chloromethane	1.544	1.382	10.5	90	0.00
4	M	Vinyl Chloride	1.479	1.313	11.2	90	0.00
5	M	Bromomethane	0.795	0.554	30.3#	66	0.00
6	M	Chloroethane	0.874	0.795	9.0	94	0.00
7	M	Trichlorofluoromethane	2.530	2.252	11.0	91	0.00
8	T	Diethyl Ether	0.806	0.711	11.8	93	0.00
9		1,1,2-Trichlorotrifluoroeth	1.768	1.543	12.7	89	0.00
10	M	1,1-Dichloroethene	1.718	1.513	11.9	91	0.00
11		Methyl Iodide	2.002	1.006	49.8#	60	0.00
12		Methyl Acetate	2.235	1.972	11.8	91	0.00
13	M	Acrolein	0.356	0.297	16.6	90	0.00
14	M	Acrylonitrile	1.008	0.906	10.1	92	0.00
15	M	Acetone	0.289	0.239	17.3	81	0.00
16	M	Carbon Disulfide	4.562	4.107	10.0	94	0.00
17		Allyl chloride	2.855	2.439	14.6	88	0.00
18	M	Methylene Chloride	1.940	1.733	10.7	92	0.00
19	M	trans-1,2-Dichloroethene	1.858	1.681	9.5	94	0.00
20	T	Diisopropyl ether	5.489	5.072	7.6	94	0.00
21	M	1,1-Dichloroethane	3.211	2.931	8.7	94	0.00
22	M	cis-1,2-Dichloroethene	2.134	1.941	9.0	93	0.00
23	M	tert-Butyl Alcohol	0.399	0.307	23.1	82	0.00
24	M	Methyl tert-Butyl Ether	5.702	5.110	10.4	92	0.00
25	M	Chloroform	3.422	3.078	10.1	92	0.00
26		Cyclohexane	2.891	2.623	9.3	94	0.00
27	s	1,2-Dichloroethane-d4	2.077	2.078	-0.0	104	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.459	0.418	8.9	94	0.00
30	M	2-Butanone	0.259	0.229	11.6	88	0.00
31		2,2-Dichloropropane	0.461	0.342	25.8#	78	0.00
32	M	1,1,1-Trichloroethane	0.557	0.505	9.3	94	0.00
33	M	Carbon Tetrachloride	0.508	0.439	13.6	90	0.00
34	M	Benzene	1.340	1.236	7.8	93	0.00
35		Methacrylonitrile	0.271	0.237	12.5	88	0.00
36	M	1,2-Dichloroethane	0.488	0.447	8.4	93	0.00
37	M	Trichloroethene	0.405	0.365	9.9	94	0.00
38		Methylcyclohexane	0.568	0.496	12.7	91	0.00
39	M	1,2-Dichloropropane	0.329	0.300	8.8	94	0.00
40		Dibromomethane	0.246	0.228	7.3	96	0.00
41	M	Bromodichloromethane	0.474	0.417	12.0	91	0.00
42	M	Vinyl Acetate	0.868	0.778	10.4	91	0.00
43		Ethyl Acetate	0.491	0.444	9.6	94	0.00
44		Isopropyl Acetate	0.757	0.664	12.3	91	0.00
45	T	1,4-Dioxane	0.009	0.007	22.2	80	0.00
46		Methyl methacrylate	0.376	0.338	10.1	92	0.00
47		n-amyl Acetate	0.624	0.539	13.6	91	0.00
48	M	t-1,3-Dichloropropene	0.490	0.390	20.4	86	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.538	0.449	16.5	87	0.00
50	M	1,1,2-Trichloroethane	0.350	0.314	10.3	93	0.00
51		Ethyl methacrylate	0.542	0.473	12.7	93	0.00
52		1,3-Dichloropropane	0.584	0.527	9.8	94	0.00
53	M	Dibromochloromethane	0.382	0.343	10.2	96	0.00
54	M	1,2-Dibromoethane	0.379	0.334	11.9	93	0.00
55	M	2-Chloroethyl vinyl ether	0.263	0.211	19.8	83	0.00
56	M	Bromoform	0.279	0.227	18.6	92	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58	M	4-Methyl-2-Pentanone	0.543	0.501	7.7	93	0.00
59	M	2-Hexanone	0.415	0.366	11.8	90	0.00
60	S	4-Bromofluorobenzene	0.486	0.470	3.3	103	0.00
61	M	Tetrachloroethene	0.438	0.412	5.9	95	0.00
62	M	Toluene	1.634	1.474	9.8	93	0.00
63	S	Toluene-d8	1.311	1.323	-0.9	98	0.00
64	M	Chlorobenzene	1.047	0.943	9.9	94	0.00
65		1,1,1,2-Tetrachloroethane	0.397	0.339	14.6	91	0.00
66	M	Ethyl Benzene	1.842	1.662	9.8	93	0.00
67	M	m/p-Xylenes	0.721	0.650	9.8	93	0.00
68	M	o-Xylene	0.705	0.642	8.9	94	0.00
69	M	Styrene	1.172	1.059	9.6	93	0.00
70		Isopropylbenzene	1.855	1.683	9.3	93	0.00
71	M	1,1,2,2-Tetrachloroethane	0.542	0.508	6.3	97	0.00
72		1,2,3-Trichloropropane	0.526	0.459	12.7	90	0.00
73		Bromobenzene	0.461	0.419	9.1	94	0.00
74		n-propylbenzene	2.114	1.856	12.2	92	0.00
75		2-Chlorotoluene	1.280	1.169	8.7	95	0.00
76		1,3,5-Trimethylbenzene	1.558	1.408	9.6	93	0.00
77		t-1,4-Dichloro-2-butene	0.156	0.095	39.1#	70	0.00
78		4-Chlorotoluene	1.457	1.271	12.8	91	0.00
79		tert-butylbenzene	1.515	1.464	3.4	100	0.00
80		1,2,4-Trimethylbenzene	1.552	1.455	6.2	97	0.00
81		sec-Butylbenzene	1.927	1.692	12.2	93	0.00
82		p-Isopropyltoluene	1.649	1.426	13.5	89	0.00
83	M	1,3-Dichlorobenzene	0.864	0.759	12.2	93	0.00
84	M	1,4-Dichlorobenzene	0.862	0.751	12.9	93	0.00
85		n-Butylbenzene	1.345	1.136	15.5	91	0.00
86	T	Hexachloroethane	0.256	0.178	30.5#	77	0.00
87	M	1,2-Dichlorobenzene	0.835	0.753	9.8	93	0.00
88		1,2-Dibromo-3-Chloropropane	0.128	0.099	22.7	84	0.00
89		1,2,4-Trichlorobenzene	0.549	0.473	13.8	94	0.00
90		Hexachlorobutadiene	0.230	0.192	16.5	90	0.00
91	M	Naphthalene	1.828	1.640	10.3	95	0.00
92		1,2,3-Trichlorobenzene	0.550	0.478	13.1	94	0.00

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