Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
Data File : VX027098.D
Acq On : 18 Feb 2022 00:17
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021822

Quant Time: Feb 18 05:15:05 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	103	0.00
2	M	Dichlorodifluoromethane	1.722	1.544	10.3	87	0.00
3	M	Chloromethane	1.636	1.476	9.8	88	0.00
4	M	Vinyl Chloride	1.632	1.466	10.2	91	0.00
5	M	Bromomethane	0.797	0.990	-24.2	101	0.00
6	M	Chloroethane	0.974	0.869	10.8	87	0.00
7	M	Trichlorofluoromethane	2.544	2.272	10.7	90	0.00
8	T	Diethyl Ether	0.915	0.793	13.3	88	0.00
9		1,1,2-Trichlorotrifluoroeth	1.772	1.562	11.9	89	0.00
10	M	1,1-Dichloroethene	1.740	1.583	9.0	91	0.00
11		Methyl Iodide	2.300	1.660	27.8#	77	0.00
12		Methyl Acetate	2.566	2.321	9.5	90	0.00
13	M	Acrolein	0.418	0.370	11.5	107	0.00
14	M	Acrylonitrile	1.124	1.024	8.9	89	0.00
15	M	Acetone	0.302	0.273	9.6	87	0.00
16	M	Carbon Disulfide	4.559	4.086	10.4	92	0.00
17		Allyl chloride	3.124	2.736	12.4	90	0.00
18	M	Methylene Chloride	1.962	1.746	11.0	89	0.00
19	M	trans-1,2-Dichloroethene	1.897	1.707	10.0	92	0.00
20	T	Diisopropyl ether	6.178	5.675	8.1	91	0.00
21	M	1,1-Dichloroethane	3.439	3.049	11.3	89	0.00
22	M	cis-1,2-Dichloroethene	2.182	1.971	9.7	91	0.00
23	M	tert-Butyl Alcohol	0.440	0.405	8.0	93	0.00
24	M	Methyl tert-Butyl Ether	6.111	5.401	11.6	89	0.00
25	M	Chloroform	3.526	3.136	11.1	89	0.00
26		Cyclohexane	3.189	2.869	10.0	90	0.00
27	s	1,2-Dichloroethane-d4	2.169	2.182	-0.6	105	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29		1,1-Dichloropropene	0.477	0.418	12.4	89	0.00
30	M	2-Butanone	0.286	0.263	8.0	91	0.00
31		2,2-Dichloropropane	0.420	0.339	19.3	86	0.00
32	M	1,1,1-Trichloroethane	0.565	0.489	13.5	89	0.00
33	M	Carbon Tetrachloride	0.495	0.431	12.9	91	0.00
34	M	Benzene	1.400	1.257	10.2	91	0.00
35		Methacrylonitrile	0.296	0.268	9.5	92	0.00
36	M	1,2-Dichloroethane	0.504	0.444	11.9	89	0.00
37	M	Trichloroethene	0.412	0.359	12.9	89	0.00
38		Methylcyclohexane	0.587	0.514	12.4	89	0.00
39	M	1,2-Dichloropropane	0.353	0.311	11.9	89	0.00
40		Dibromomethane	0.253	0.219	13.4	88	0.00
41	M	Bromodichloromethane	0.477	0.418	12.4	90	0.00
42	M	Vinyl Acetate	0.972	0.873	10.2	90	0.00
43		Ethyl Acetate	0.547	0.480	12.2	87	0.00
44		Isopropyl Acetate	0.846	0.766	9.5	92	0.00
45	T	1,4-Dioxane	0.009	0.008	11.1	90	0.00
46		Methyl methacrylate	0.415	0.370	10.8	90	0.00
47		n-amyl Acetate	0.672	0.574	14.6	87	0.00
48	M	t-1,3-Dichloropropene	0.475	0.403	15.2	91	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.538	0.461	14.3	89	0.00
50	M	1,1,2-Trichloroethane	0.348	0.316	9.2	88	0.00
51		Ethyl methacrylate	0.554	0.485	12.5	88	0.00
52		1,3-Dichloropropane	0.596	0.528	11.4	88	0.00
53	M	Dibromochloromethane	0.361	0.311	13.9	89	0.00
54	M	1,2-Dibromoethane	0.371	0.324	12.7	89	0.00
55	M	2-Chloroethyl vinyl ether	0.270	0.250	7.4	106	0.00
56	M	Bromoform	0.251	0.206	17.9	88	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	0.617	0.566	8.3	89	0.00
59	M	2-Hexanone	0.469	0.425	9.4	89	0.00
60	S	4-Bromofluorobenzene	0.488	0.472	3.3	100	0.00
61	M	Tetrachloroethene	0.484	0.420	13.2	85	0.00
62	M	Toluene	1.699	1.510	11.1	88	0.00
63	S	Toluene-d8	1.345	1.352	-0.5	103	0.00
64	M	Chlorobenzene	1.052	0.930	11.6	90	0.00
65		1,1,1,2-Tetrachloroethane	0.389	0.347	10.8	92	0.00
66	M	Ethyl Benzene	1.871	1.653	11.7	88	0.00
67	M	m/p-Xylenes	0.723	0.642	11.2	88	0.00
68	M	o-Xylene	0.710	0.611	13.9	86	0.00
69	M	Styrene	1.175	1.027	12.6	88	0.00
70		Isopropylbenzene	1.840	1.626	11.6	87	0.00
71	M	1,1,2,2-Tetrachloroethane	0.542	0.486	10.3	88	0.00
72		1,2,3-Trichloropropane	0.541	0.479	11.5	88	0.00
73		Bromobenzene	0.451	0.388	14.0	86	0.00
74		n-propylbenzene	2.103	1.835	12.7	88	0.00
75		2-Chlorotoluene	1.301	1.131	13.1	87	0.00
76		1,3,5-Trimethylbenzene	1.540	1.353	12.1	87	0.00
77		t-1,4-Dichloro-2-butene	0.157	0.120	23.6	84	0.00
78		4-Chlorotoluene	1.454	1.261	13.3	86	0.00
79		tert-butylbenzene	1.470	1.300	11.6	91	0.00
80		1,2,4-Trimethylbenzene	1.537	1.333	13.3	86	0.00
81		sec-Butylbenzene	1.883	1.627	13.6	86	0.00
82		p-Isopropyltoluene	1.582	1.368	13.5	87	0.00
83	M	1,3-Dichlorobenzene	0.838	0.715	14.7	87	0.00
84	M	1,4-Dichlorobenzene	0.841	0.719	14.5	86	0.00
85		n-Butylbenzene	1.314	1.076	18.1	85	0.00
86	T	Hexachloroethane	0.251	0.204	18.7	87	0.00
87	M	1,2-Dichlorobenzene	0.813	0.717	11.8	87	0.00
88		1,2-Dibromo-3-Chloropropane	0.133	0.112	15.8	88	0.00
89		1,2,4-Trichlorobenzene	0.512	0.426	16.8	87	0.00
90		Hexachlorobutadiene	0.214	0.180	15.9	88	0.00
91	M	Naphthalene	1.800	1.530	15.0	87	0.00
92		1,2,3-Trichlorobenzene	0.518	0.437	15.6	88	0.00

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