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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	103	0.00
2	M	Dichlorodifluoromethane	20.000	17.932	10.3	87	0.00
3	M	Chloromethane	20.000	18.046	9.8	88	0.00
4	M	Vinyl Chloride	20.000	17.964	10.2	91	0.00
5	M	Bromomethane	20.000	24.827	-24.1	101	0.00
6	M	Chloroethane	20.000	17.838	10.8	87	0.00
7	M	Trichlorofluoromethane	20.000	17.861	10.7	90	0.00
8	T	Diethyl Ether	20.000	17.327	13.4	88	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	17.635	11.8	89	0.00
10	M	1,1-Dichloroethene	20.000	18.199	9.0	91	0.00
11		Methyl Iodide	20.000	14.439	27.8#	77	0.00
12		Methyl Acetate	20.000	18.092	9.5	90	0.00
13	M	Acrolein	100.000	88.466	11.5	107	0.00
14	M	Acrylonitrile	100.000	91.077	8.9	89	0.00
15	M	Acetone	100.000	90.564	9.4	87	0.00
16	M	Carbon Disulfide	20.000	17.922	10.4	92	0.00
17		Allyl chloride	20.000	17.517	12.4	90	0.00
18	M	Methylene Chloride	20.000	17.801	11.0	89	0.00
19	M	trans-1,2-Dichloroethene	20.000	17.995	10.0	92	0.00
20	T	Diisopropyl ether	20.000	18.371	8.1	91	0.00
21	M	1,1-Dichloroethane	20.000	17.732	11.3	89	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.067	9.7	91	0.00
23	M	tert-Butyl Alcohol	100.000	92.155	7.8	93	0.00
24	M	Methyl tert-Butyl Ether	20.000	17.678	11.6	89	0.00
25	M	Chloroform	20.000	17.789	11.1	89	0.00
26		Cyclohexane	20.000	17.994	10.0	90	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.175	-0.6	105	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29		1,1-Dichloropropene	20.000	17.551	12.2	89	0.00
30	M	2-Butanone	100.000	91.779	8.2	91	0.00
31		2,2-Dichloropropane	20.000	16.136	19.3	86	0.00
32	M	1,1,1-Trichloroethane	20.000	17.308	13.5	89	0.00
33	M	Carbon Tetrachloride	20.000	17.413	12.9	91	0.00
34	M	Benzene	20.000	17.958	10.2	91	0.00
35		Methacrylonitrile	20.000	18.097	9.5	92	0.00
36	M	1,2-Dichloroethane	20.000	17.608	12.0	89	0.00
37	M	Trichloroethene	20.000	17.437	12.8	89	0.00
38		Methylcyclohexane	20.000	17.494	12.5	89	0.00
39	M	1,2-Dichloropropane	20.000	17.608	12.0	89	0.00
40		Dibromomethane	20.000	17.355	13.2	88	0.00
41	M	Bromodichloromethane	20.000	17.514	12.4	90	0.00
42	M	Vinyl Acetate	100.000	89.802	10.2	90	0.00
43		Ethyl Acetate	20.000	17.544	12.3	87	0.00
44		Isopropyl Acetate	20.000	18.092	9.5	92	0.00
45	T	1,4-Dioxane	400.000	368.130	8.0	90	0.00
46		Methyl methacrylate	20.000	17.834	10.8	90	0.00
47		n-amyl Acetate	20.000	17.101	14.5	87	0.00
48	M	t-1,3-Dichloropropene	20.000	16.974	15.1	91	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	17.144	14.3	89	0.00
50	M	1,1,2-Trichloroethane	20.000	18.155	9.2	88	0.00
51		Ethyl methacrylate	20.000	17.514	12.4	88	0.00
52		1,3-Dichloropropane	20.000	17.713	11.4	88	0.00
53	M	Dibromochloromethane	20.000	17.220	13.9	89	0.00
54	M	1,2-Dibromoethane	20.000	17.464	12.7	89	0.00
55	M	2-Chloroethyl vinyl ether	100.000	92.536	7.5	106	0.00
56	M	Bromoform	20.000	16.408	18.0	88	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	100.000	91.745	8.3	89	0.00
59	M	2-Hexanone	100.000	90.575	9.4	89	0.00
60	S	4-Bromofluorobenzene	30.000	29.017	3.3	100	0.00
61	M	Tetrachloroethene	20.000	17.365	13.2	85	0.00
62	M	Toluene	20.000	17.774	11.1	88	0.00
63	S	Toluene-d8	30.000	30.151	-0.5	103	0.00
64	M	Chlorobenzene	20.000	17.694	11.5	90	0.00
65		1,1,1,2-Tetrachloroethane	20.000	17.839	10.8	92	0.00
66	M	Ethyl Benzene	20.000	17.666	11.7	88	0.00
67	M	m/p-Xylenes	40.000	35.550	11.1	88	0.00
68	M	o-Xylene	20.000	17.231	13.8	86	0.00
69	M	Styrene	20.000	17.474	12.6	88	0.00
70		Isopropylbenzene	20.000	17.668	11.7	87	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	17.932	10.3	88	0.00
72		1,2,3-Trichloropropane	20.000	17.721	11.4	88	0.00
73		Bromobenzene	20.000	17.219	13.9	86	0.00
74		n-propylbenzene	20.000	17.451	12.7	88	0.00
75		2-Chlorotoluene	20.000	17.384	13.1	87	0.00
76		1,3,5-Trimethylbenzene	20.000	17.569	12.2	87	0.00
77		t-1,4-Dichloro-2-butene	20.000	15.308	23.5	84	0.00
78		4-Chlorotoluene	20.000	17.337	13.3	86	0.00
79		tert-butylbenzene	20.000	17.687	11.6	91	0.00
80		1,2,4-Trimethylbenzene	20.000	17.340	13.3	86	0.00
81		sec-Butylbenzene	20.000	17.277	13.6	86	0.00
82		p-Isopropyltoluene	20.000	17.292	13.5	87	0.00
83	M	1,3-Dichlorobenzene	20.000	17.071	14.6	87	0.00
84	M	1,4-Dichlorobenzene	20.000	17.096	14.5	86	0.00
85		n-Butylbenzene	20.000	16.374	18.1	85	0.00
86	T	Hexachloroethane	20.000	16.239	18.8	87	0.00
87	M	1,2-Dichlorobenzene	20.000	17.639	11.8	87	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	16.943	15.3	88	0.00
89		1,2,4-Trichlorobenzene	20.000	16.628	16.9	87	0.00
90		Hexachlorobutadiene	20.000	16.832	15.8	88	0.00
91	M	Naphthalene	20.000	17.002	15.0	87	0.00
92		1,2,3-Trichlorobenzene	20.000	16.891	15.5	88	0.00

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