Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031812.D
Acq On : 30 Sep 2022 14:09
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX093022

Quant Time: Oct 03 01:03:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 03 00:56:55 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	102	0.00
2	M	Dichlorodifluoromethane	20.000	21.979	-9.9	110	0.00
3	M	Chloromethane	20.000	22.188	-10.9	104	0.00
4	M	Vinyl Chloride	20.000	21.635	-8.2	102	0.00
5	M	Bromomethane	20.000	22.215	-11.1	114	0.00
6	M	Chloroethane	20.000	19.269	3.7	96	0.00
7	M	Trichlorofluoromethane	20.000	21.873	-9.4	103	0.00
8	T	Diethyl Ether	20.000	22.323	-11.6	103	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	22.210	-11.1	107	0.00
10	M	1,1-Dichloroethene	20.000	20.889	-4.4	103	0.00
11		Methyl Iodide	20.000	15.643	21.8	92	0.00
12		Methyl Acetate	20.000	21.826	-9.1	104	0.00
13	M	Acrolein	100.000	98.008	2.0	106	0.00
14	M	Acrylonitrile	100.000	105.514	-5.5	100	0.00
15	M	Acetone	100.000	118.185	-18.2	109	0.00
16	M	Carbon Disulfide	20.000	20.596	-3.0	107	0.00
17		Allyl chloride	20.000	21.229	-6.1	103	0.00
18	M	Methylene Chloride	20.000	21.439	-7.2	103	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.929	-4.6	103	0.00
20	T	Diisopropyl ether	20.000	21.790	-8.9	102	0.00
21	M	1,1-Dichloroethane	20.000	21.286	-6.4	103	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.221	-6.1	106	0.00
23	M	tert-Butyl Alcohol	100.000	110.652	-10.7	102	-0.01
24	M	Methyl tert-Butyl Ether	20.000	21.210	-6.1	103	0.00
25	M	Chloroform	20.000	21.444	-7.2	103	0.00
26		Cyclohexane	20.000	21.875	-9.4	104	0.00
27	s	1,2-Dichloroethane-d4	30.000	31.471	-4.9	100	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29		1,1-Dichloropropene	20.000	21.036	-5.2	106	0.00
30	M	2-Butanone	100.000	107.309	-7.3	101	0.00
31		2,2-Dichloropropane	20.000	20.446	-2.2	107	0.00
32	M	1,1,1-Trichloroethane	20.000	20.289	-1.4	105	0.00
33	M	Carbon Tetrachloride	20.000	20.304	-1.5	105	0.00
34	M	Benzene	20.000	20.919	-4.6	104	0.00
35		Methacrylonitrile	20.000	20.927	-4.6	102	0.00
36	M	1,2-Dichloroethane	20.000	21.470	-7.3	104	0.00
37	M	Trichloroethene	20.000	20.262	-1.3	107	0.00
38		Methylcyclohexane	20.000	20.884	-4.4	107	0.00
39	M	1,2-Dichloropropane	20.000	21.196	-6.0	107	0.00
40		Dibromomethane	20.000	20.394	-2.0	101	0.00
41	M	Bromodichloromethane	20.000	20.571	-2.9	106	0.00
42	M	Vinyl Acetate	100.000	106.208	-6.2	104	0.00
43		Ethyl Acetate	20.000	20.517	-2.6	98	0.00
44		Isopropyl Acetate	20.000	20.783	-3.9	103	0.00
45	T	1,4-Dioxane	400.000	416.207	-4.1	94	0.00
46		Methyl methacrylate	20.000	21.211	-6.1	102	0.00
47		n-amyl Acetate	20.000	21.104	-5.5	106	0.00
48	M	t-1,3-Dichloropropene	20.000	20.029	-0.1	106	0.00

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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)
49	T	cis-1,3-Dichloropropene	20.000	19.836	0.8	102	0.00
50	M	1,1,2-Trichloroethane	20.000	21.197	-6.0	106	0.00
51		Ethyl methacrylate	20.000	20.790	-3.9	103	0.00
52		1,3-Dichloropropane	20.000	21.301	-6.5	104	0.00
53	M	Dibromochloromethane	20.000	20.050	-0.3	108	0.00
54	M	1,2-Dibromoethane	20.000	20.770	-3.8	105	0.00
55	M	2-Chloroethyl vinyl ether	100.000	96.026	4.0	91	0.00
56	M	Bromoform	20.000	18.653	6.7	106	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	100.000	109.557	-9.6	101	0.00
59	M	2-Hexanone	100.000	110.333	-10.3	102	0.00
60	S	4-Bromofluorobenzene	30.000	31.213	-4.0	102	0.00
61	M	Tetrachloroethene	20.000	20.396	-2.0	105	0.00
62	M	Toluene	20.000	21.596	-8.0	107	0.00
63	S	Toluene-d8	30.000	31.086	-3.6	102	0.00
64	M	Chlorobenzene	20.000	21.161	-5.8	105	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.043	-5.2	109	0.00
66	M	Ethyl Benzene	20.000	21.331	-6.7	104	0.00
67	M	m/p-Xylenes	40.000	42.954	-7.4	104	0.00
68	M	o-Xylene	20.000	21.789	-8.9	107	0.00
69	M	Styrene	20.000	21.529	-7.6	105	0.00
70		Isopropylbenzene	20.000	21.923	-9.6	106	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.952	-9.8	105	0.00
72		1,2,3-Trichloropropane	20.000	21.932	-9.7	103	0.00
73		Bromobenzene	20.000	21.337	-6.7	108	0.00
74		n-propylbenzene	20.000	21.959	-9.8	106	0.00
75		2-Chlorotoluene	20.000	22.088	-10.4	106	0.00
76		1,3,5-Trimethylbenzene	20.000	22.131	-10.7	106	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.437	7.8	104	0.00
78		4-Chlorotoluene	20.000	22.311	-11.6	107	0.00
79		tert-butylbenzene	20.000	21.664	-8.3	105	0.00
80		1,2,4-Trimethylbenzene	20.000	22.156	-10.8	106	0.00
81		sec-Butylbenzene	20.000	21.966	-9.8	107	0.00
82		p-Isopropyltoluene	20.000	22.359	-11.8	108	0.00
83	M	1,3-Dichlorobenzene	20.000	21.766	-8.8	110	0.00
84	M	1,4-Dichlorobenzene	20.000	21.398	-7.0	107	0.00
85		n-Butylbenzene	20.000	22.158	-10.8	110	0.00
86	T	Hexachloroethane	20.000	20.242	-1.2	107	0.00
87	M	1,2-Dichlorobenzene	20.000	21.469	-7.3	108	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	20.641	-3.2	101	0.00
89		1,2,4-Trichlorobenzene	20.000	20.740	-3.7	113	0.00
90		Hexachlorobutadiene	20.000	21.076	-5.4	117	0.00
91	M	Naphthalene	20.000	21.286	-6.4	105	0.00
92		1,2,3-Trichlorobenzene	20.000	21.359	-6.8	115	0.00

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