

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL073021\
 Data File : VL037295.D
 Acq On : 30 Jul 2021 21:52
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVV073021

Quant Time: Jul 31 01:36:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 30 23:19:30 2021
 QLast Update : Fri Jul 30 23:19:30 2021
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	98	0.00
2 T	Dichlorodifluoromethane	1.439	1.159	19.5	101	0.00
3	Chlorodifluoromethane	2.004	1.898	5.3	105	0.00
4	Chloromethane	0.699	0.680	2.7	108	-0.01
5 T	Vinyl Chloride	0.755	0.737	2.4	107	-0.01
6 T	Bromomethane	0.428	0.387	9.6	94	-0.01
7	Chloroethane	0.266	0.263	1.1	109	-0.01
8 T	Dichlorotetrafluoroethane	1.711	1.614	5.7	100	-0.01
9 T	Propene	0.674	0.652	3.3	112	-0.01
10 T	Heptane	1.605	1.612	-0.4	107	-0.01
11 T	Trichlorofluoromethane	1.788	1.712	4.3	105	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.330	1.263	5.0	104	-0.01
13	Ethanol	0.148	0.088	40.5#	89	-0.01
14 T	Bromoethene	0.562	0.550	2.1	101	-0.01
15 T	Acetone	1.801	0.983	45.4#	108	-0.01
16 T	1,3-Butadiene	0.676	0.652	3.6	104	-0.01
17	tert-Butyl alcohol	1.145	1.163	-1.6	108	-0.02
18 T	1,1-Dichloroethene	0.584	0.577	1.2	104	-0.01
19 T	Isopropyl Alcohol	0.697	0.676	3.0	107	-0.01
20 T	Methylene Chloride	0.697	0.512	26.5	79	-0.01
21 T	Allyl Chloride	0.802	0.837	-4.4	104	0.00
22 T	trans-1,2-Dichloroethene	0.558	0.583	-4.5	101	0.00
23 T	Vinyl Acetate	1.520	1.435	5.6	105	-0.01
24 T	1,1-Dichloroethane	1.180	1.136	3.7	103	-0.01
25 T	Ethyl Acetate	2.613	2.553	2.3	102	-0.01
26 T	Hexane	1.397	1.262	9.7	97	0.00
27 T	Carbon Disulfide	1.151	1.328	-15.4	105	-0.01
28 T	Methyl tert-Butyl Ether	1.349	1.235	8.5	105	-0.01
29 T	Chloroform	2.001	1.914	4.3	106	-0.01
30 T	Cyclohexane	1.092	1.128	-3.3	109	0.00
31 T	cis-1,2-Dichloroethene	1.184	1.200	-1.4	104	-0.01
32 T	1,1,1-Trichloroethane	1.990	1.969	1.1	106	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
34 T	2-Butanone	0.429	0.382	11.0	108	-0.01
35 T	Carbon Tetrachloride	0.634	0.665	-4.9	104	-0.01
36 T	Benzene	0.847	0.851	-0.5	106	-0.01
37 T	1,2-Dichloroethane	0.441	0.454	-2.9	105	0.00
38 T	Trichloroethene	0.382	0.374	2.1	106	0.00
39 T	1,2-Dichloropropane	0.318	0.321	-0.9	106	0.00
40 T	1,4-Dioxane	0.092	0.080	13.0	99	0.00
41 T	Tetrahydrofuran	0.172	0.192	-11.6	107	-0.01
42 T	Bromodichloromethane	0.615	0.657	-6.8	104	-0.01
43	Methyl Methacrylate	0.281	0.307	-9.3	107	0.00
44 T	2,2,4-Trimethylpentane	1.384	1.368	1.2	106	-0.01
45 T	t-1,3-Dichloropropene	0.236	0.254	-7.6	90	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.318	0.340	-6.9	95	0.00
47 T	1,1,2-Trichloroethane	0.357	0.358	-0.3	106	-0.01
48 T	Dibromochloromethane	0.547	0.616	-12.6	104	-0.01
49 T	Bromoform	0.425	0.522	-22.8	105	-0.01
50 T	4-Methyl-2-Pentanone	0.543	0.586	-7.9	113	0.00
51 T	2-Hexanone	0.251	0.307	-22.3	119	0.00
52 T	Tetrachloroethene	0.373	0.357	4.3	105	-0.01
53 T	Toluene	0.995	1.022	-2.7	106	0.00
54 T	1,2-Dibromoethane	0.505	0.519	-2.8	104	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
56	1,1,1,2-Tetrachloroethane	0.438	0.443	-1.1	105	-0.01
57 T	Chlorobenzene	0.837	0.812	3.0	105	0.00
58 T	Ethyl Benzene	1.375	1.395	-1.5	106	-0.01
59 T	m/p-Xylene	1.184	1.163	1.8	105	0.00
60 T	o-Xylene	1.131	1.111	1.8	106	0.00
61 T	Styrene	0.578	0.651	-12.6	107	0.00
62	Isopropylbenzene	1.598	1.576	1.4	107	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.798	0.763	4.4	106	0.00
64	n-propylbenzene	0.414	0.428	-3.4	106	-0.01
65	tert-Butylbenzene	1.479	1.440	2.6	106	0.00
66 T	Benzyl Chloride	0.073	0.064	12.3	74	0.00
67	sec-Butylbenzene	1.955	1.913	2.1	105	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.728	0.732	-0.5	97	0.00
69	p-Isopropyltoluene	1.674	1.668	0.4	106	0.00
70	n-Butylbenzene	1.580	1.568	0.8	105	-0.01
71	2-Chlorotoluene	1.139	1.136	0.3	106	0.00
72 T	4-Ethyltoluene	1.339	1.385	-3.4	105	0.00
73 T	1,3,5-Trimethylbenzene	1.237	1.239	-0.2	105	-0.01
74 T	1,2,4-Trimethylbenzene	1.364	1.293	5.2	105	0.00
75 T	1,3-Dichlorobenzene	0.820	0.809	1.3	104	-0.01
76 T	1,4-Dichlorobenzene	0.847	0.807	4.7	105	-0.01
77 T	1,2-Dichlorobenzene	0.787	0.780	0.9	104	0.00
78 T	Hexachloro-1,3-Butadiene	0.591	0.503	14.9	101	0.00
79 T	Naphthalene	1.068	0.962	9.9	101	-0.01
80 T	Naphthalene,2-methyl-	0.307	0.323	-5.2	117	0.00
81 T	1,2,4-Trichlorobenzene	0.645	0.581	9.9	104	-0.01

(#) = Out of Range

SPCC's out = 0 CCC's out = 0