

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036911.D
 Acq On : 6 May 2021 19:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 07 09:10:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 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	91	0.01
2 T	Dichlorodifluoromethane	1.575	1.523	3.3	92	0.00
3	Chlorodifluoromethane	1.822	1.948	-6.9	106	0.00
4	Chloromethane	0.599	0.664	-10.9	105	0.00
5 T	Vinyl Chloride	0.604	0.659	-9.1	107	0.00
6 T	Bromomethane	0.325	0.375	-15.4	109	0.00
7	Chloroethane	0.198	0.235	-18.7	113	0.01
8 T	Dichlorotetrafluoroethane	1.436	1.566	-9.1	107	0.00
9 T	Propene	0.555	0.649	-16.9	107	0.00
10 T	Heptane	1.396	1.633	-17.0	104	0.00
11 T	Trichlorofluoromethane	1.406	1.553	-10.5	106	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.941	1.043	-10.8	105	0.01
13	Ethanol	0.071	0.065	8.5	105	0.01
14 T	Bromoethene	0.384	0.451	-17.4	110	0.00
15 T	Acetone	0.943	0.889	5.7	106	0.00
16 T	1,3-Butadiene	0.603	0.677	-12.3	106	0.00
17	tert-Butyl alcohol	0.765	0.877	-14.6	105	0.00
18 T	1,1-Dichloroethene	0.409	0.477	-16.6	113	0.00
19 T	Isopropyl Alcohol	0.467	0.525	-12.4	115	0.00
20 T	Methylene Chloride	0.451	0.378	16.2	102	0.00
21 T	Allyl Chloride	0.700	0.796	-13.7	109	0.00
22 T	trans-1,2-Dichloroethene	0.410	0.430	-4.9	97	0.01
23 T	Vinyl Acetate	1.282	1.784	-39.2#	118	0.00
24 T	1,1-Dichloroethane	0.910	1.236	-35.8#	136	0.00
25 T	Ethyl Acetate	2.302	2.538	-10.3	106	0.00
26 T	Hexane	1.077	1.171	-8.7	109	0.01
27 T	Carbon Disulfide	0.936	1.165	-24.5	105	0.00
28 T	Methyl tert-Butyl Ether	0.955	1.387	-45.2#	135	0.01
29 T	Chloroform	1.679	1.836	-9.4	104	0.01
30 T	Cyclohexane	0.854	1.009	-18.1	108	0.01
31 T	cis-1,2-Dichloroethene	0.967	1.164	-20.4	109	0.01
32 T	1,1,1-Trichloroethane	1.708	1.886	-10.4	107	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.01
34 T	2-Butanone	0.438	0.485	-10.7	106	0.01
35 T	Carbon Tetrachloride	0.679	0.765	-12.7	106	0.01
36 T	Benzene	0.843	0.973	-15.4	108	0.00
37 T	1,2-Dichloroethane	0.477	0.538	-12.8	104	0.00
38 T	Trichloroethene	0.300	0.346	-15.3	104	0.01
39 T	1,2-Dichloropropane	0.338	0.376	-11.2	107	0.00
40 T	1,4-Dioxane	0.082	0.089	-8.5	107	0.01
41 T	Tetrahydrofuran	0.192	0.234	-21.9	107	0.00
42 T	Bromodichloromethane	0.663	0.771	-16.3	107	0.00
43	Methyl Methacrylate	0.275	0.351	-27.6	108	0.00
44 T	2,2,4-Trimethylpentane	1.444	1.606	-11.2	106	0.00
45 T	t-1,3-Dichloropropene	0.296	0.390	-31.8#	101	0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.380	0.495	-30.3#	106	0.01
47 T	1,1,2-Trichloroethane	0.349	0.391	-12.0	106	0.00
48 T	Dibromochloromethane	0.518	0.635	-22.6	106	0.00
49 T	Bromoform	0.413	0.512	-24.0	103	0.00
50 T	4-Methyl-2-Pentanone	0.599	0.717	-19.7	103	0.01
51 T	2-Hexanone	0.299	0.362	-21.1	95	0.00
52 T	Tetrachloroethene	0.287	0.327	-13.9	105	0.01
53 T	Toluene	0.882	1.074	-21.8	107	0.00
54 T	1,2-Dibromoethane	0.493	0.552	-12.0	105	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
56	1,1,1,2-Tetrachloroethane	0.419	0.459	-9.5	103	0.00
57 T	Chlorobenzene	0.779	0.842	-8.1	103	0.00
58 T	Ethyl Benzene	1.268	1.541	-21.5	105	0.00
59 T	m/p-Xylene	1.134	1.290	-13.8	104	0.00
60 T	o-Xylene	1.096	1.216	-10.9	104	0.00
61 T	Styrene	0.515	0.701	-36.1#	102	0.00
62	Isopropylbenzene	1.491	1.638	-9.9	103	0.00
63 T	1,1,2,2-Tetrachloroethane	0.879	0.882	-0.3	103	0.00
64	n-propylbenzene	0.372	0.430	-15.6	103	0.00
65	tert-Butylbenzene	1.319	1.441	-9.2	102	0.00
66 T	Benzyl Chloride	0.129	0.146	-13.2	93	0.00
67	sec-Butylbenzene	1.831	2.037	-11.3	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.803	0.815	-1.5	89	0.00
69	p-Isopropyltoluene	1.468	1.662	-13.2	101	0.00
70	n-Butylbenzene	1.480	1.710	-15.5	101	0.00
71	2-Chlorotoluene	1.105	1.272	-15.1	103	0.00
72 T	4-Ethyltoluene	1.177	1.420	-20.6	101	0.00
73 T	1,3,5-Trimethylbenzene	1.141	1.293	-13.3	101	0.00
74 T	1,2,4-Trimethylbenzene	1.212	1.328	-9.6	100	0.00
75 T	1,3-Dichlorobenzene	0.716	0.763	-6.6	99	0.00
76 T	1,4-Dichlorobenzene	0.701	0.733	-4.6	98	0.00
77 T	1,2-Dichlorobenzene	0.700	0.740	-5.7	101	0.00
78 T	Hexachloro-1,3-Butadiene	0.595	0.538	9.6	93	0.00
79 T	Naphthalene	0.679	0.842	-24.0	90	0.00
80 T	Naphthalene,2-methyl-	0.075	0.107	-42.7#	81	0.00
81 T	1,2,4-Trichlorobenzene	0.439	0.493	-12.3	94	0.00

(#) = Out of Range

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