

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040400.D
 Acq On : 11 May 2023 13:59
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 12 05:52:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	103	-0.01
2 T	Dichlorodifluoromethane	1.803	1.342	25.6	90	0.00
3	Chlorodifluoromethane	1.307	1.229	6.0	110	0.00
4	Chloromethane	0.825	0.823	0.2	115	-0.01
5 T	Vinyl Chloride	0.681	0.695	-2.1	116	-0.01
6 T	Bromomethane	0.224	0.211	5.8	105	-0.01
7	Chloroethane	0.258	0.252	2.3	109	-0.01
8 T	Dichlorotetrafluoroethane	1.762	1.603	9.0	103	-0.01
9 T	Propene	0.516	0.558	-8.1	125	-0.01
10 T	Heptane	1.173	1.329	-13.3	116	-0.01
11 T	Trichlorofluoromethane	1.825	1.609	11.8	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.277	1.173	8.1	104	-0.01
13	Ethanol	0.043	0.039#	9.3	121	-0.01
14 T	Bromoethene	0.522	0.507	2.9	107	0.00
15 T	Acetone	1.416	1.242	12.3	114	0.00
16 T	1,3-Butadiene	0.586	0.593	-1.2	111	0.00
17	tert-Butyl alcohol	1.301	1.388	-6.7	118	-0.01
18 T	1,1-Dichloroethene	0.576	0.532	7.6	104	0.00
19 T	Isopropyl Alcohol	0.646	0.698	-8.0	120	-0.01
20 T	Methylene Chloride	0.565	0.462	18.2	103	-0.01
21 T	Allyl Chloride	0.805	0.842	-4.6	115	0.00
22 T	trans-1,2-Dichloroethene	0.576	0.571	0.9	110	0.00
23 T	Vinyl Acetate	0.361	0.414	-14.7	134	-0.01
24 T	1,1-Dichloroethane	1.200	1.156	3.7	107	-0.01
25 T	Ethyl Acetate	2.383	2.487	-4.4	116	-0.01
26 T	Hexane	1.005	1.094	-8.9	121	-0.01
27 T	Carbon Disulfide	1.300	1.369	-5.3	105	-0.01
28 T	Methyl tert-Butyl Ether	1.037	1.074	-3.6	114	-0.02
29 T	Chloroform	1.790	1.748	2.3	110	-0.01
30 T	Cyclohexane	0.778	0.922	-18.5	120	-0.01
31 T	cis-1,2-Dichloroethene	0.996	1.088	-9.2	115	-0.02
32 T	1,1,1-Trichloroethane	1.739	1.729	0.6	108	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	-0.01
34 T	2-Butanone	0.539	0.482	10.6	107	-0.01
35 T	Carbon Tetrachloride	0.704	0.653	7.2	106	-0.02
36 T	Benzene	0.816	0.860	-5.4	122	-0.02
37 T	1,2-Dichloroethane	0.536	0.487	9.1	105	-0.02
38 T	Trichloroethene	0.464	0.511	-10.1	116	-0.02
39 T	1,2-Dichloropropane	0.321	0.323	-0.6	117	-0.02
40 T	1,4-Dioxane	0.123	0.130	-5.7	125	-0.02
41 T	Tetrahydrofuran	0.295	0.324	-9.8	125	-0.02
42 T	Bromodichloromethane	0.732	0.711	2.9	109	-0.02
43	Methyl Methacrylate	0.303	0.339	-11.9	118	-0.01
44 T	2,2,4-Trimethylpentane	1.363	1.365	-0.1	116	-0.02
45 T	t-1,3-Dichloropropene	0.271	0.333	-22.9	120	-0.02
46 T	cis-1,3-Dichloropropene	0.377	0.441	-17.0	116	-0.01
47 T	1,1,2-Trichloroethane	0.352	0.347	1.4	114	-0.01
48 T	Dibromochloromethane	0.567	0.592	-4.4	112	-0.01

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49 T	Bromoform	0.442	0.478	-8.1	113	-0.01
50 T	4-Methyl-2-Pentanone	0.818	0.830	-1.5	113	-0.01
51 T	2-Hexanone	0.604	0.657	-8.8	115	-0.02
52 T	Tetrachloroethene	0.255	0.297	-16.5	124	-0.01
53 T	Toluene	0.865	0.982	-13.5	120	-0.02
54 T	1,2-Dibromoethane	0.357	0.390	-9.2	116	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	106	-0.02
56	1,1,1,2-Tetrachloroethane	0.456	0.441	3.3	111	-0.01
57 T	Chlorobenzene	0.783	0.786	-0.4	117	-0.02
58 T	Ethyl Benzene	1.230	1.369	-11.3	116	-0.02
59 T	m/p-Xylene	1.131	1.151	-1.8	111	-0.01
60 T	o-Xylene	1.086	1.111	-2.3	111	-0.01
61 T	Styrene	0.544	0.677	-24.4	119	-0.01
62	Isopropylbenzene	1.564	1.566	-0.1	112	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.397	0.344	13.4	110	-0.02
64	n-propylbenzene	0.385	0.409	-6.2	115	-0.01
65	tert-Butylbenzene	1.376	1.370	0.4	112	-0.01
66 T	Benzyl Chloride	0.085	0.096	-12.9	115	-0.02
67	sec-Butylbenzene	1.976	1.931	2.3	109	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.827	0.728	12.0	95	-0.02
69	p-Isopropyltoluene	1.543	1.579	-2.3	113	-0.01
70	n-Butylbenzene	1.710	1.681	1.7	109	-0.02
71	2-Chlorotoluene	1.200	1.219	-1.6	111	-0.02
72 T	4-Ethyltoluene	1.199	1.277	-6.5	112	-0.02
73 T	1,3,5-Trimethylbenzene	1.107	1.135	-2.5	111	-0.01
74 T	1,2,4-Trimethylbenzene	1.265	1.225	3.2	109	-0.01
75 T	1,3-Dichlorobenzene	0.693	0.702	-1.3	115	-0.02
76 T	1,4-Dichlorobenzene	0.685	0.691	-0.9	114	-0.01
77 T	1,2-Dichlorobenzene	0.685	0.672	1.9	115	-0.02
78 T	Hexachloro-1,3-Butadiene	0.549	0.509	7.3	115	0.00
79 T	Naphthalene	0.854	1.094	-28.1	116	0.00
80 T	Naphthalene,2-methyl-	0.254	0.366	-44.1#	125	0.00
81 T	1,2,4-Trichlorobenzene	0.525	0.565	-7.6	117	-0.02

(#) = Out of Range

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