

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051223\
 Data File : VL040428.D
 Acq On : 12 May 2023 22:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 15 00:49:33 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	100	-0.01
2 T	Dichlorodifluoromethane	1.803	1.464	18.8	96	0.00
3	Chlorodifluoromethane	1.307	1.187	9.2	104	0.00
4	Chloromethane	0.825	0.760	7.9	103	0.00
5 T	Vinyl Chloride	0.681	0.649	4.7	106	0.00
6 T	Bromomethane	0.224	0.205	8.5	100	0.00
7	Chloroethane	0.258	0.236	8.5	100	0.00
8 T	Dichlorotetrafluoroethane	1.762	1.575	10.6	99	0.00
9 T	Propene	0.516	0.505	2.1	110	0.00
10 T	Heptane	1.173	1.240	-5.7	106	0.00
11 T	Trichlorofluoromethane	1.825	1.567	14.1	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.277	1.141	10.6	98	0.00
13	Ethanol	0.043	0.037#	14.0	113	0.00
14 T	Bromoethene	0.522	0.499	4.4	102	0.00
15 T	Acetone	1.416	1.154	18.5	103	0.00
16 T	1,3-Butadiene	0.586	0.582	0.7	107	0.00
17	tert-Butyl alcohol	1.301	1.264	2.8	105	0.00
18 T	1,1-Dichloroethene	0.576	0.522	9.4	99	0.00
19 T	Isopropyl Alcohol	0.646	0.608	5.9	102	0.00
20 T	Methylene Chloride	0.565	0.454	19.6	99	0.00
21 T	Allyl Chloride	0.805	0.796	1.1	106	0.00
22 T	trans-1,2-Dichloroethene	0.576	0.527	8.5	99	0.00
23 T	Vinyl Acetate	0.361	0.327	9.4	103	0.00
24 T	1,1-Dichloroethane	1.200	1.093	8.9	99	0.00
25 T	Ethyl Acetate	2.383	2.311	3.0	105	0.00
26 T	Hexane	1.005	0.984	2.1	106	0.00
27 T	Carbon Disulfide	1.300	1.293	0.5	97	0.00
28 T	Methyl tert-Butyl Ether	1.037	0.971	6.4	101	0.00
29 T	Chloroform	1.790	1.675	6.4	103	0.00
30 T	Cyclohexane	0.778	0.851	-9.4	108	0.00
31 T	cis-1,2-Dichloroethene	0.996	1.016	-2.0	105	0.00
32 T	1,1,1-Trichloroethane	1.739	1.663	4.4	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
34 T	2-Butanone	0.539	0.531	1.5	111	0.00
35 T	Carbon Tetrachloride	0.704	0.656	6.8	100	0.00
36 T	Benzene	0.816	0.812	0.5	108	0.00
37 T	1,2-Dichloroethane	0.536	0.497	7.3	101	0.00
38 T	Trichloroethene	0.464	0.487	-5.0	104	-0.01
39 T	1,2-Dichloropropane	0.321	0.311	3.1	105	0.00
40 T	1,4-Dioxane	0.123	0.120	2.4	108	0.00
41 T	Tetrahydrofuran	0.295	0.303	-2.7	110	-0.01
42 T	Bromodichloromethane	0.732	0.702	4.1	101	0.00
43	Methyl Methacrylate	0.303	0.322	-6.3	105	0.00
44 T	2,2,4-Trimethylpentane	1.363	1.324	2.9	105	0.00
45 T	t-1,3-Dichloropropene	0.271	0.308	-13.7	104	0.00
46 T	cis-1,3-Dichloropropene	0.377	0.421	-11.7	104	0.00
47 T	1,1,2-Trichloroethane	0.352	0.337	4.3	104	-0.01
48 T	Dibromochloromethane	0.567	0.566	0.2	101	0.00

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49 T	Bromoform	0.442	0.436	1.4	96	-0.01
50 T	4-Methyl-2-Pentanone	0.818	0.831	-1.6	106	0.00
51 T	2-Hexanone	0.604	0.651	-7.8	107	-0.01
52 T	Tetrachloroethene	0.255	0.276	-8.2	108	0.00
53 T	Toluene	0.865	0.929	-7.4	107	0.00
54 T	1,2-Dibromoethane	0.357	0.366	-2.5	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
56	1,1,1,2-Tetrachloroethane	0.456	0.405	11.2	100	0.00
57 T	Chlorobenzene	0.783	0.704	10.1	103	-0.01
58 T	Ethyl Benzene	1.230	1.241	-0.9	103	0.00
59 T	m/p-Xylene	1.131	1.063	6.0	101	0.00
60 T	o-Xylene	1.086	1.016	6.4	100	0.00
61 T	Styrene	0.544	0.588	-8.1	101	0.00
62	Isopropylbenzene	1.564	1.433	8.4	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.397	0.315	20.7	99	0.00
64	n-propylbenzene	0.385	0.367	4.7	101	0.00
65	tert-Butylbenzene	1.376	1.259	8.5	101	0.00
66 T	Benzyl Chloride	0.085	0.085	0.0	101	0.00
67	sec-Butylbenzene	1.976	1.807	8.6	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.827	0.741	10.4	95	0.00
69	p-Isopropyltoluene	1.543	1.476	4.3	103	0.00
70	n-Butylbenzene	1.710	1.649	3.6	105	0.00
71	2-Chlorotoluene	1.200	1.102	8.2	99	0.00
72 T	4-Ethyltoluene	1.199	1.174	2.1	101	0.00
73 T	1,3,5-Trimethylbenzene	1.107	1.049	5.2	101	0.00
74 T	1,2,4-Trimethylbenzene	1.265	1.151	9.0	100	0.00
75 T	1,3-Dichlorobenzene	0.693	0.641	7.5	103	0.00
76 T	1,4-Dichlorobenzene	0.685	0.624	8.9	101	0.00
77 T	1,2-Dichlorobenzene	0.685	0.634	7.4	106	-0.01
78 T	Hexachloro-1,3-Butadiene	0.549	0.537	2.2	119	0.00
79 T	Naphthalene	0.854	1.177	-37.8#	122	0.00
80 T	Naphthalene,2-methyl-	0.254	0.350	-37.8#	117	0.00
81 T	1,2,4-Trichlorobenzene	0.525	0.599	-14.1	122	-0.01

(#) = Out of Range

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