

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040417.D
 Acq On : 12 May 2023 10:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: May 12 15:58:00 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	99	-0.01
2 T	Dichlorodifluoromethane	1.803	1.610	10.7	104	0.00
3	Chlorodifluoromethane	1.307	1.164	10.9	100	0.00
4	Chloromethane	0.825	0.738	10.5	99	0.00
5 T	Vinyl Chloride	0.681	0.634	6.9	102	0.00
6 T	Bromomethane	0.224	0.210	6.3	101	0.00
7	Chloroethane	0.258	0.240	7.0	100	0.00
8 T	Dichlorotetrafluoroethane	1.762	1.578	10.4	98	0.00
9 T	Propene	0.516	0.458	11.2	99	0.00
10 T	Heptane	1.173	1.192	-1.6	100	0.00
11 T	Trichlorofluoromethane	1.825	1.674	8.3	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.277	1.194	6.5	102	-0.01
13	Ethanol	0.043	0.031#	27.9	94	0.00
14 T	Bromoethene	0.522	0.505	3.3	102	0.00
15 T	Acetone	1.416	1.138	19.6	101	0.00
16 T	1,3-Butadiene	0.586	0.565	3.6	102	0.00
17	tert-Butyl alcohol	1.301	1.232	5.3	101	0.00
18 T	1,1-Dichloroethene	0.576	0.547	5.0	103	0.00
19 T	Isopropyl Alcohol	0.646	0.593	8.2	99	0.00
20 T	Methylene Chloride	0.565	0.461	18.4	99	0.00
21 T	Allyl Chloride	0.805	0.778	3.4	103	0.00
22 T	trans-1,2-Dichloroethene	0.576	0.551	4.3	103	0.00
23 T	Vinyl Acetate	0.361	0.326	9.7	102	0.00
24 T	1,1-Dichloroethane	1.200	1.128	6.0	100	0.00
25 T	Ethyl Acetate	2.383	2.214	7.1	99	-0.01
26 T	Hexane	1.005	0.945	6.0	101	0.00
27 T	Carbon Disulfide	1.300	1.339	-3.0	99	0.00
28 T	Methyl tert-Butyl Ether	1.037	0.992	4.3	102	0.00
29 T	Chloroform	1.790	1.657	7.4	101	0.00
30 T	Cyclohexane	0.778	0.791	-1.7	99	0.00
31 T	cis-1,2-Dichloroethene	0.996	0.977	1.9	100	0.00
32 T	1,1,1-Trichloroethane	1.739	1.662	4.4	100	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	-0.01
34 T	2-Butanone	0.539	0.498	7.6	100	0.00
35 T	Carbon Tetrachloride	0.704	0.678	3.7	100	-0.01
36 T	Benzene	0.816	0.793	2.8	101	-0.01
37 T	1,2-Dichloroethane	0.536	0.516	3.7	101	-0.01
38 T	Trichloroethene	0.464	0.491	-5.8	101	-0.01
39 T	1,2-Dichloropropane	0.321	0.304	5.3	99	0.00
40 T	1,4-Dioxane	0.123	0.117	4.9	102	-0.01
41 T	Tetrahydrofuran	0.295	0.299	-1.4	104	-0.01
42 T	Bromodichloromethane	0.732	0.716	2.2	99	-0.02
43	Methyl Methacrylate	0.303	0.317	-4.6	99	0.00
44 T	2,2,4-Trimethylpentane	1.363	1.313	3.7	101	-0.01
45 T	t-1,3-Dichloropropene	0.271	0.312	-15.1	101	-0.01
46 T	cis-1,3-Dichloropropene	0.377	0.419	-11.1	100	-0.01
47 T	1,1,2-Trichloroethane	0.352	0.336	4.5	99	-0.02
48 T	Dibromochloromethane	0.567	0.575	-1.4	98	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.442	0.446	-0.9	95	-0.01
50 T	4-Methyl-2-Pentanone	0.818	0.831	-1.6	102	0.00
51 T	2-Hexanone	0.604	0.656	-8.6	103	-0.02
52 T	Tetrachloroethene	0.255	0.271	-6.3	101	-0.02
53 T	Toluene	0.865	0.912	-5.4	101	-0.01
54 T	1,2-Dibromoethane	0.357	0.369	-3.4	99	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	-0.01
56	1,1,1,2-Tetrachloroethane	0.456	0.420	7.9	99	-0.01
57 T	Chlorobenzene	0.783	0.711	9.2	99	-0.01
58 T	Ethyl Benzene	1.230	1.254	-2.0	99	-0.02
59 T	m/p-Xylene	1.131	1.086	4.0	98	-0.01
60 T	o-Xylene	1.086	1.048	3.5	98	-0.01
61 T	Styrene	0.544	0.597	-9.7	98	0.00
62	Isopropylbenzene	1.564	1.476	5.6	98	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.397	0.322	18.9	96	-0.01
64	n-propylbenzene	0.385	0.374	2.9	99	-0.02
65	tert-Butylbenzene	1.376	1.304	5.2	100	-0.02
66 T	Benzyl Chloride	0.085	0.089	-4.7	100	-0.02
67	sec-Butylbenzene	1.976	1.880	4.9	100	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.827	0.791	4.4	97	-0.02
69	p-Isopropyltoluene	1.543	1.532	0.7	102	-0.02
70	n-Butylbenzene	1.710	1.724	-0.8	105	-0.01
71	2-Chlorotoluene	1.200	1.142	4.8	98	-0.01
72 T	4-Ethyltoluene	1.199	1.205	-0.5	99	-0.02
73 T	1,3,5-Trimethylbenzene	1.107	1.079	2.5	99	-0.01
74 T	1,2,4-Trimethylbenzene	1.265	1.204	4.8	100	0.00
75 T	1,3-Dichlorobenzene	0.693	0.665	4.0	102	-0.01
76 T	1,4-Dichlorobenzene	0.685	0.646	5.7	100	-0.02
77 T	1,2-Dichlorobenzene	0.685	0.654	4.5	104	-0.02
78 T	Hexachloro-1,3-Butadiene	0.549	0.547	0.4	116	-0.02
79 T	Naphthalene	0.854	1.198	-40.3#	119	0.00
80 T	Naphthalene,2-methyl-	0.254	0.335	-31.9#	107	-0.02
81 T	1,2,4-Trichlorobenzene	0.525	0.610	-16.2	118	-0.02

(#) = Out of Range

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