

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040179.D
 Acq On : 15 Feb 2023 17:44
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL021523

Quant Time: Feb 15 19:02:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 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	97	0.01
2 T	Dichlorodifluoromethane	1.864	1.532	17.8	102	0.01
3	Chlorodifluoromethane	1.195	1.142	4.4	102	0.00
4	Chloromethane	0.750	0.740	1.3	106	0.01
5 T	Vinyl Chloride	0.603	0.635	-5.3	105	0.01
6 T	Bromomethane	0.218	0.218	0.0	104	0.01
7	Chloroethane	0.239	0.226	5.4	102	0.00
8 T	Dichlorotetrafluoroethane	1.606	1.548	3.6	102	0.00
9 T	Propene	0.487	0.496	-1.8	106	0.00
10 T	Heptane	1.159	1.206	-4.1	101	0.01
11 T	Trichlorofluoromethane	1.672	1.594	4.7	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.234	1.149	6.9	99	0.01
13	Ethanol	0.045	0.036#	20.0	111	0.02
14 T	Bromoethene	0.473	0.493	-4.2	104	0.01
15 T	Acetone	1.204	1.093	9.2	104	0.00
16 T	1,3-Butadiene	0.550	0.561	-2.0	101	0.01
17	tert-Butyl alcohol	1.098	1.121	-2.1	100	0.01
18 T	1,1-Dichloroethene	0.536	0.521	2.8	102	0.01
19 T	Isopropyl Alcohol	0.572	0.571	0.2	107	0.01
20 T	Methylene Chloride	0.627	0.466	25.7	106	0.01
21 T	Allyl Chloride	0.738	0.762	-3.3	100	0.01
22 T	trans-1,2-Dichloroethene	0.555	0.554	0.2	101	0.01
23 T	Vinyl Acetate	0.365	0.339	7.1	90	0.02
24 T	1,1-Dichloroethane	1.142	1.104	3.3	100	0.01
25 T	Ethyl Acetate	2.238	2.269	-1.4	104	0.01
26 T	Hexane	0.961	0.961	0.0	105	0.01
27 T	Carbon Disulfide	1.219	1.302	-6.8	99	0.01
28 T	Methyl tert-Butyl Ether	1.029	1.022	0.7	102	0.01
29 T	Chloroform	1.650	1.597	3.2	102	0.01
30 T	Cyclohexane	0.754	0.806	-6.9	103	0.01
31 T	cis-1,2-Dichloroethene	0.913	0.992	-8.7	116	0.01
32 T	1,1,1-Trichloroethane	1.550	1.602	-3.4	102	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.01
34 T	2-Butanone	0.493	0.494	-0.2	104	0.01
35 T	Carbon Tetrachloride	0.591	0.646	-9.3	102	0.01
36 T	Benzene	0.778	0.793	-1.9	102	0.00
37 T	1,2-Dichloroethane	0.487	0.483	0.8	102	0.01
38 T	Trichloroethene	0.429	0.463	-7.9	100	0.01
39 T	1,2-Dichloropropane	0.303	0.299	1.3	101	0.01
40 T	1,4-Dioxane	0.121	0.130	-7.4	109	0.01
41 T	Tetrahydrofuran	0.286	0.308	-7.7	104	0.01
42 T	Bromodichloromethane	0.672	0.694	-3.3	102	0.02
43	Methyl Methacrylate	0.288	0.317	-10.1	103	0.01
44 T	2,2,4-Trimethylpentane	1.299	1.298	0.1	102	0.02
45 T	t-1,3-Dichloropropene	0.255	0.307	-20.4	102	0.00
46 T	cis-1,3-Dichloropropene	0.356	0.417	-17.1	103	0.01
47 T	1,1,2-Trichloroethane	0.327	0.330	-0.9	102	0.01
48 T	Dibromochloromethane	0.524	0.568	-8.4	101	0.01

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49 T	Bromoform	0.409	0.450	-10.0	100	0.01
50 T	4-Methyl-2-Pentanone	0.766	0.805	-5.1	102	0.02
51 T	2-Hexanone	0.589	0.630	-7.0	101	0.02
52 T	Tetrachloroethene	0.243	0.269	-10.7	102	0.02
53 T	Toluene	0.834	0.906	-8.6	102	0.02
54 T	1,2-Dibromoethane	0.341	0.373	-9.4	102	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.01
56	1,1,1,2-Tetrachloroethane	0.420	0.420	0.0	101	0.01
57 T	Chlorobenzene	0.731	0.719	1.6	100	0.01
58 T	Ethyl Benzene	1.215	1.278	-5.2	101	0.01
59 T	m/p-Xylene	1.076	1.101	-2.3	101	0.01
60 T	o-Xylene	1.035	1.057	-2.1	101	0.01
61 T	Styrene	0.544	0.619	-13.8	101	0.01
62	Isopropylbenzene	1.486	1.480	0.4	101	0.01
63 T	1,1,2,2-Tetrachloroethane	0.373	0.350	6.2	102	0.02
64	n-propylbenzene	0.368	0.382	-3.8	101	0.01
65	tert-Butylbenzene	1.292	1.295	-0.2	101	0.01
66 T	Benzyl Chloride	0.086	0.089	-3.5	101	0.02
67	sec-Butylbenzene	1.853	1.826	1.5	101	0.01
68 S	1-Bromo-4-Fluorobenzene	0.822	0.786	4.4	91	0.01
69	p-Isopropyltoluene	1.469	1.469	0.0	100	0.00
70	n-Butylbenzene	1.594	1.580	0.9	101	0.01
71	2-Chlorotoluene	1.137	1.154	-1.5	102	0.01
72 T	4-Ethyltoluene	1.145	1.211	-5.8	102	0.01
73 T	1,3,5-Trimethylbenzene	1.065	1.070	-0.5	101	0.02
74 T	1,2,4-Trimethylbenzene	1.170	1.157	1.1	101	0.01
75 T	1,3-Dichlorobenzene	0.640	0.633	1.1	100	0.00
76 T	1,4-Dichlorobenzene	0.627	0.615	1.9	99	0.02
77 T	1,2-Dichlorobenzene	0.636	0.603	5.2	100	0.01
78 T	Hexachloro-1,3-Butadiene	0.437	0.398	8.9	104	0.00
79 T	Naphthalene	0.657	0.802	-22.1	101	0.01
80 T	Naphthalene,2-methyl-	0.187	0.230	-23.0	97	0.00
81 T	1,2,4-Trichlorobenzene	0.411	0.422	-2.7	100	0.02

(#) = Out of Range

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