

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021425\
 Data File : VL042022.D
 Acq On : 14 Feb 2025 16:10
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL021425

Quant Time: Feb 15 01:50:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Feb 15 01:46:23 2025
 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	88	0.00
2 T	Dichlorodifluoromethane	1.721	1.724	-0.2	92	0.00
3	Chlorodifluoromethane	1.903	1.935	-1.7	98	0.00
4	Chloromethane	0.669	0.675	-0.9	93	0.00
5 T	Vinyl Chloride	0.800	0.645	19.4	90	0.00
6 T	Bromomethane	0.310	0.286	7.7	88	0.00
7	Chloroethane	0.261	0.270	-3.4	95	0.00
8 T	Dichlorotetrafluoroethane	1.514	1.496	1.2	92	0.00
9 T	Propene	0.820	0.826	-0.7	95	0.00
10 T	Heptane	2.278	2.227	2.2	94	-0.01
11 T	Trichlorofluoromethane	1.732	1.671	3.5	89	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.351	1.327	1.8	89	0.00
13	Ethanol	0.093	0.043#	53.8#	103	0.00
14 T	Bromoethene	0.505	0.499	1.2	92	0.00
15 T	Acetone	1.651	1.385	16.1	91	0.00
16 T	1,3-Butadiene	0.783	0.726	7.3	94	0.00
17	tert-Butyl alcohol	2.042	1.888	7.5	89	0.00
18 T	1,1-Dichloroethene	0.646	0.594	8.0	89	0.00
19 T	Isopropyl Alcohol	0.926	0.871	5.9	93	0.00
20 T	Methylene Chloride	0.621	0.486	21.7	86	0.00
21 T	Allyl Chloride	1.195	1.118	6.4	93	0.00
22 T	trans-1,2-Dichloroethene	0.701	0.664	5.3	90	0.00
23 T	Vinyl Acetate	0.894	0.842	5.8	93	0.00
24 T	1,1-Dichloroethane	1.422	1.353	4.9	93	0.00
25 T	Ethyl Acetate	4.530	4.473	1.3	95	0.00
26 T	Hexane	1.818	1.793	1.4	95	0.00
27 T	Carbon Disulfide	1.710	1.690	1.2	90	0.00
28 T	Methyl tert-Butyl Ether	1.111	1.029	7.4	88	0.00
29 T	Chloroform	2.633	2.659	-1.0	96	0.00
30 T	Cyclohexane	1.475	1.568	-6.3	157#	0.00
31 T	cis-1,2-Dichloroethene	1.797	1.800	-0.2	95	0.00
32 T	1,1,1-Trichloroethane	2.920	2.786	4.6	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
34 T	2-Butanone	0.860	0.852	0.9	93	0.00
35 T	Carbon Tetrachloride	0.971	0.935	3.7	94	0.00
36 T	Benzene	1.211	1.249	-3.1	94	0.00
37 T	1,2-Dichloroethane	0.690	0.704	-2.0	97	0.00
38 T	Trichloroethene	0.492	0.478	2.8	91	-0.01
39 T	1,2-Dichloropropane	0.444	0.448	-0.9	94	0.00
40 T	1,4-Dioxane	0.231	0.229	0.9	97	0.00
41 T	Tetrahydrofuran	0.492	0.505	-2.6	93	0.00
42 T	Bromodichloromethane	0.934	1.015	-8.7	96	0.00
43	Methyl Methacrylate	0.552	0.522	5.4	94	0.00
44 T	2,2,4-Trimethylpentane	2.056	2.116	-2.9	93	0.00
45 T	t-1,3-Dichloropropene	0.521	0.541	-3.8	95	-0.01
46 T	cis-1,3-Dichloropropene	0.661	0.693	-4.8	95	-0.01
47 T	1,1,2-Trichloroethane	0.467	0.480	-2.8	96	0.00
48 T	Dibromochloromethane	0.783	0.819	-4.6	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.642	0.678	-5.6	92	0.00
50 T	4-Methyl-2-Pentanone	1.322	1.309	1.0	95	0.00
51 T	2-Hexanone	1.081	1.070	1.0	95	0.00
52 T	Tetrachloroethene	0.423	0.393	7.1	90	0.00
53 T	Toluene	1.443	1.462	-1.3	93	0.00
54 T	1,2-Dibromoethane	0.644	0.666	-3.4	95	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.716	0.672	6.1	95	0.00
57 T	Chlorobenzene	1.176	1.144	2.7	93	0.00
58 T	Ethyl Benzene	2.189	2.209	-0.9	94	0.00
59 T	m/p-Xylene	1.724	1.731	-0.4	95	0.00
60 T	o-Xylene	1.743	1.718	1.4	96	0.00
61 T	Styrene	0.831	0.844	-1.6	95	0.00
62	Isopropylbenzene	2.617	2.577	1.5	94	0.00
63 T	1,1,2,2-Tetrachloroethane	1.125	1.056	6.1	98	0.00
64	n-propylbenzene	0.643	0.628	2.3	95	0.00
65	tert-Butylbenzene	2.282	2.201	3.5	94	0.00
66 T	Benzyl Chloride	0.229	0.223	2.6	89	0.00
67	sec-Butylbenzene	3.205	3.105	3.1	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.825	0.837	-1.5	87	0.00
69	p-Isopropyltoluene	2.624	2.497	4.8	93	0.00
70	n-Butylbenzene	2.584	2.522	2.4	95	0.00
71	2-Chlorotoluene	1.971	1.927	2.2	93	0.00
72 T	4-Ethyltoluene	2.043	2.025	0.9	95	0.00
73 T	1,3,5-Trimethylbenzene	1.762	1.718	2.5	94	0.00
74 T	1,2,4-Trimethylbenzene	1.891	1.828	3.3	95	0.00
75 T	1,3-Dichlorobenzene	1.018	0.974	4.3	92	0.00
76 T	1,4-Dichlorobenzene	0.993	0.968	2.5	94	0.00
77 T	1,2-Dichlorobenzene	0.973	0.935	3.9	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.805	0.683	15.2	91	0.00
79 T	Naphthalene	1.860	1.485	20.2	95	0.00
80 T	Naphthalene,2-methyl-	0.842	0.506	39.9#	96	0.00
81 T	1,2,4-Trichlorobenzene	0.756	0.655	13.4	90	0.00

(#) = Out of Range

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