

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041188.D
 Acq On : 2 May 2024 9:18
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 03 03:37:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 03 03:34:47 2024
 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	92	0.00
2 T	Dichlorodifluoromethane	1.353	1.315	2.8	95	0.00
3	Chlorodifluoromethane	1.519	1.393	8.3	91	0.00
4	Chloromethane	0.596	0.564	5.4	93	0.00
5 T	Vinyl Chloride	0.599	0.576	3.8	93	0.00
6 T	Bromomethane	0.218	0.206	5.5	92	0.00
7	Chloroethane	0.211	0.204	3.3	94	0.00
8 T	Dichlorotetrafluoroethane	1.400	1.356	3.1	94	0.00
9 T	Propene	0.594	0.539	9.3	90	0.00
10 T	Heptane	1.440	1.313	8.8	90	0.00
11 T	Trichlorofluoromethane	1.375	1.333	3.1	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.017	1.012	0.5	96	0.00
13	Ethanol	0.133	0.130	2.3	89	0.00
14 T	Bromoethene	0.420	0.406	3.3	93	0.00
15 T	Acetone	1.180	1.036	12.2	94	0.00
16 T	1,3-Butadiene	0.596	0.586	1.7	92	0.00
17	tert-Butyl alcohol	1.273	1.249	1.9	87	0.00
18 T	1,1-Dichloroethene	0.453	0.443	2.2	93	0.00
19 T	Isopropyl Alcohol	0.774	0.789	-1.9	90	0.00
20 T	Methylene Chloride	0.410	0.375	8.5	93	0.00
21 T	Allyl Chloride	0.770	0.745	3.2	94	0.00
22 T	trans-1,2-Dichloroethene	0.471	0.465	1.3	94	0.00
23 T	Vinyl Acetate	1.300	1.307	-0.5	95	0.00
24 T	1,1-Dichloroethane	1.011	1.002	0.9	98	0.00
25 T	Ethyl Acetate	2.356	2.219	5.8	92	0.00
26 T	Hexane	1.051	0.966	8.1	92	0.00
27 T	Carbon Disulfide	1.244	1.224	1.6	93	0.00
28 T	Methyl tert-Butyl Ether	0.837	0.818	2.3	93	0.00
29 T	Chloroform	1.450	1.397	3.7	94	0.00
30 T	Cyclohexane	0.832	0.780	6.2	89	0.00
31 T	cis-1,2-Dichloroethene	0.984	0.941	4.4	91	0.00
32 T	1,1,1-Trichloroethane	1.447	1.392	3.8	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
34 T	2-Butanone	0.509	0.452	11.2	95	0.00
35 T	Carbon Tetrachloride	0.561	0.546	2.7	92	0.00
36 T	Benzene	0.839	0.784	6.6	92	0.00
37 T	1,2-Dichloroethane	0.438	0.425	3.0	93	0.00
38 T	Trichloroethene	0.313	0.279	10.9	92	0.00
39 T	1,2-Dichloropropane	0.323	0.306	5.3	92	0.00
40 T	1,4-Dioxane	0.116	0.119	-2.6	96	0.00
41 T	Tetrahydrofuran	0.368	0.348	5.4	92	0.00
42 T	Bromodichloromethane	0.628	0.617	1.8	92	0.00
43	Methyl Methacrylate	0.339	0.321	5.3	90	0.00
44 T	2,2,4-Trimethylpentane	1.447	1.326	8.4	91	0.00
45 T	t-1,3-Dichloropropene	0.246	0.251	-2.0	88	0.00
46 T	cis-1,3-Dichloropropene	0.301	0.294	2.3	91	0.00
47 T	1,1,2-Trichloroethane	0.324	0.309	4.6	93	0.00
48 T	Dibromochloromethane	0.516	0.509	1.4	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.439	0.439	0.0	91	0.00
50 T	4-Methyl-2-Pentanone	0.913	0.840	8.0	91	0.00
51 T	2-Hexanone	0.678	0.620	8.6	92	0.00
52 T	Tetrachloroethene	0.295	0.274	7.1	92	0.00
53 T	Toluene	0.973	0.910	6.5	92	0.00
54 T	1,2-Dibromoethane	0.438	0.428	2.3	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
56	1,1,1,2-Tetrachloroethane	0.405	0.381	5.9	92	0.00
57 T	Chlorobenzene	0.732	0.651	11.1	91	0.00
58 T	Ethyl Benzene	1.371	1.206	12.0	92	0.00
59 T	m/p-Xylene	1.152	1.005	12.8	92	0.00
60 T	o-Xylene	1.080	0.941	12.9	91	0.00
61 T	Styrene	0.571	0.523	8.4	91	0.00
62	Isopropylbenzene	1.616	1.410	12.7	92	0.00
63 T	1,1,2,2-Tetrachloroethane	0.736	0.663	9.9	92	0.00
64	n-propylbenzene	0.403	0.369	8.4	93	0.00
65	tert-Butylbenzene	1.447	1.227	15.2	92	0.00
66 T	Benzyl Chloride	0.164	0.151	7.9	81	0.00
67	sec-Butylbenzene	2.037	1.763	13.5	93	0.00
68 S	1-Bromo-4-Fluorobenzene	0.755	0.727	3.7	92	0.00
69	p-Isopropyltoluene	1.679	1.455	13.3	93	0.00
70	n-Butylbenzene	1.753	1.525	13.0	93	0.00
71	2-Chlorotoluene	1.230	1.081	12.1	91	0.00
72 T	4-Ethyltoluene	1.224	1.142	6.7	94	0.00
73 T	1,3,5-Trimethylbenzene	1.107	0.973	12.1	90	0.00
74 T	1,2,4-Trimethylbenzene	1.209	1.064	12.0	92	0.00
75 T	1,3-Dichlorobenzene	0.693	0.636	8.2	94	0.00
76 T	1,4-Dichlorobenzene	0.667	0.621	6.9	92	0.00
77 T	1,2-Dichlorobenzene	0.693	0.618	10.8	94	0.00
78 T	Hexachloro-1,3-Butadiene	0.616	0.484	21.4	93	0.00
79 T	Naphthalene	1.151	1.093	5.0	95	0.00
80 T	Naphthalene,2-methyl-	0.463	0.359	22.5	90	0.00
81 T	1,2,4-Trichlorobenzene	0.608	0.538	11.5	92	0.00

(#) = Out of Range

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