

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041788.D
 Acq On : 18 Dec 2024 10:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 19 07:49:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 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	111	0.00
2 T	Dichlorodifluoromethane	1.779	1.484	16.6	98	0.00
3	Chlorodifluoromethane	1.631	1.474	9.6	104	0.00
4	Chloromethane	0.696	0.637	8.5	112	0.00
5 T	Vinyl Chloride	0.701	0.613	12.6	109	0.00
6 T	Bromomethane	0.331	0.292	11.8	110	0.00
7	Chloroethane	0.272	0.253	7.0	110	0.00
8 T	Dichlorotetrafluoroethane	1.593	1.468	7.8	111	0.00
9 T	Propene	0.707	0.545	22.9	95	0.00
10 T	Heptane	1.816	1.468	19.2	95	0.00
11 T	Trichlorofluoromethane	1.890	1.767	6.5	109	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.437	1.269	11.7	105	0.00
13	Ethanol	0.059	0.043#	27.1	132	0.00
14 T	Bromoethene	0.485	0.436	10.1	102	0.00
15 T	Acetone	1.946	1.464	24.8	111	0.00
16 T	1,3-Butadiene	0.766	0.701	8.5	113	0.00
17	tert-Butyl alcohol	1.930	1.782	7.7	108	0.00
18 T	1,1-Dichloroethene	0.603	0.542	10.1	106	0.00
19 T	Isopropyl Alcohol	1.167	0.853	26.9	110	0.00
20 T	Methylene Chloride	0.555	0.469	15.5	109	0.00
21 T	Allyl Chloride	1.055	0.979	7.2	107	0.00
22 T	trans-1,2-Dichloroethene	0.690	0.596	13.6	103	0.00
23 T	Vinyl Acetate	0.903	0.693	23.3	97	0.00
24 T	1,1-Dichloroethane	1.396	1.260	9.7	107	0.00
25 T	Ethyl Acetate	3.620	3.140	13.3	101	0.00
26 T	Hexane	1.374	1.152	16.2	98	0.00
27 T	Carbon Disulfide	1.238	1.122	9.4	92	0.00
28 T	Methyl tert-Butyl Ether	1.114	0.894	19.7	90	0.00
29 T	Chloroform	2.093	1.914	8.6	108	0.00
30 T	Cyclohexane	1.169	0.978	16.3	99	0.00
31 T	cis-1,2-Dichloroethene	1.419	1.216	14.3	101	0.00
32 T	1,1,1-Trichloroethane	2.128	1.894	11.0	104	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
34 T	2-Butanone	0.805	0.703	12.7	103	0.00
35 T	Carbon Tetrachloride	0.710	0.745	-4.9	106	0.00
36 T	Benzene	1.034	0.898	13.2	99	0.00
37 T	1,2-Dichloroethane	0.644	0.612	5.0	109	0.00
38 T	Trichloroethene	0.439	0.354	19.4	98	0.00
39 T	1,2-Dichloropropane	0.374	0.323	13.6	99	0.00
40 T	1,4-Dioxane	0.183	0.153	16.4	99	0.00
41 T	Tetrahydrofuran	0.451	0.377	16.4	95	0.00
42 T	Bromodichloromethane	0.740	0.710	4.1	99	0.00
43	Methyl Methacrylate	0.394	0.351	10.9	96	0.00
44 T	2,2,4-Trimethylpentane	1.767	1.524	13.8	98	0.00
45 T	t-1,3-Dichloropropene	0.408	0.351	14.0	90	0.00
46 T	cis-1,3-Dichloropropene	0.518	0.450	13.1	91	0.00
47 T	1,1,2-Trichloroethane	0.391	0.341	12.8	100	0.00
48 T	Dibromochloromethane	0.534	0.514	3.7	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.437	0.422	3.4	91	0.00
50 T	4-Methyl-2-Pentanone	1.095	0.942	14.0	96	0.00
51 T	2-Hexanone	0.888	0.752	15.3	95	0.00
52 T	Tetrachloroethene	0.385	0.301	21.8	95	0.00
53 T	Toluene	1.173	0.984	16.1	95	0.00
54 T	1,2-Dibromoethane	0.538	0.475	11.7	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	0.530	0.510	3.8	101	0.00
57 T	Chlorobenzene	1.023	0.912	10.9	101	0.00
58 T	Ethyl Benzene	1.800	1.634	9.2	97	0.00
59 T	m/p-Xylene	1.448	1.355	6.4	101	0.00
60 T	o-Xylene	1.452	1.348	7.2	100	0.00
61 T	Styrene	0.628	0.599	4.6	94	0.00
62	Isopropylbenzene	2.181	2.049	6.1	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.909	0.837	7.9	105	0.00
64	n-propylbenzene	0.551	0.523	5.1	103	0.00
65	tert-Butylbenzene	1.968	1.829	7.1	102	0.00
66 T	Benzyl Chloride	0.173	0.129	25.4	71	0.00
67	sec-Butylbenzene	2.723	2.568	5.7	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.833	0.875	-5.0	109	0.00
69	p-Isopropyltoluene	2.244	2.147	4.3	102	0.00
70	n-Butylbenzene	2.168	2.168	0.0	104	0.00
71	2-Chlorotoluene	1.665	1.538	7.6	100	0.00
72 T	4-Ethyltoluene	1.713	1.658	3.2	101	0.00
73 T	1,3,5-Trimethylbenzene	1.422	1.410	0.8	101	0.00
74 T	1,2,4-Trimethylbenzene	1.529	1.529	0.0	103	0.00
75 T	1,3-Dichlorobenzene	0.975	0.899	7.8	102	0.00
76 T	1,4-Dichlorobenzene	0.963	0.895	7.1	101	0.00
77 T	1,2-Dichlorobenzene	0.938	0.844	10.0	103	0.00
78 T	Hexachloro-1,3-Butadiene	0.695	0.543	21.9	98	0.00
79 T	Naphthalene	1.065	1.163	-9.2	97	0.00
80 T	Naphthalene,2-methyl-	0.329	0.551	-67.5#	89	0.00
81 T	1,2,4-Trichlorobenzene	0.582	0.544	6.5	92	0.00

(#) = Out of Range

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