

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121924\
 Data File : VL041826.D
 Acq On : 19 Dec 2024 18:12
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 20 01:46:50 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	119	0.00
2 T	Dichlorodifluoromethane	1.779	1.568	11.9	111	0.00
3	Chlorodifluoromethane	1.631	1.513	7.2	115	0.00
4	Chloromethane	0.696	0.661	5.0	125	0.00
5 T	Vinyl Chloride	0.701	0.602	14.1	115	0.00
6 T	Bromomethane	0.331	0.273	17.5	110	0.00
7	Chloroethane	0.272	0.249	8.5	117	0.00
8 T	Dichlorotetrafluoroethane	1.593	1.430	10.2	117	0.00
9 T	Propene	0.707	0.541	23.5	102	0.00
10 T	Heptane	1.816	1.578	13.1	111	0.00
11 T	Trichlorofluoromethane	1.890	1.692	10.5	113	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.437	1.227	14.6	109	0.00
13	Ethanol	0.059	0.031#	47.5#	102	0.00
14 T	Bromoethene	0.485	0.409	15.7	103	0.00
15 T	Acetone	1.946	1.503	22.8	123	0.00
16 T	1,3-Butadiene	0.766	0.710	7.3	124	0.00
17	tert-Butyl alcohol	1.930	1.644	14.8	107	0.00
18 T	1,1-Dichloroethene	0.603	0.515	14.6	109	0.00
19 T	Isopropyl Alcohol	1.167	0.762	34.7#	106	0.00
20 T	Methylene Chloride	0.555	0.451	18.7	113	0.00
21 T	Allyl Chloride	1.055	0.966	8.4	114	0.00
22 T	trans-1,2-Dichloroethene	0.690	0.570	17.4	106	0.00
23 T	Vinyl Acetate	0.903	0.711	21.3	107	0.00
24 T	1,1-Dichloroethane	1.396	1.256	10.0	115	0.00
25 T	Ethyl Acetate	3.620	3.259	10.0	114	0.00
26 T	Hexane	1.374	1.192	13.2	109	0.00
27 T	Carbon Disulfide	1.238	1.067	13.8	95	0.00
28 T	Methyl tert-Butyl Ether	1.114	0.831	25.4	90	0.00
29 T	Chloroform	2.093	1.887	9.8	114	0.00
30 T	Cyclohexane	1.169	0.946	19.1	103	0.00
31 T	cis-1,2-Dichloroethene	1.419	1.172	17.4	105	0.00
32 T	1,1,1-Trichloroethane	2.128	1.789	15.9	105	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
34 T	2-Butanone	0.805	0.766	4.8	111	0.00
35 T	Carbon Tetrachloride	0.710	0.773	-8.9	109	0.00
36 T	Benzene	1.034	0.975	5.7	107	0.00
37 T	1,2-Dichloroethane	0.644	0.627	2.6	110	0.00
38 T	Trichloroethene	0.439	0.367	16.4	101	0.00
39 T	1,2-Dichloropropane	0.374	0.353	5.6	107	0.00
40 T	1,4-Dioxane	0.183	0.149	18.6	95	0.00
41 T	Tetrahydrofuran	0.451	0.419	7.1	105	0.00
42 T	Bromodichloromethane	0.740	0.756	-2.2	104	0.00
43	Methyl Methacrylate	0.394	0.354	10.2	95	0.00
44 T	2,2,4-Trimethylpentane	1.767	1.745	1.2	111	0.00
45 T	t-1,3-Dichloropropene	0.408	0.314	23.0	79	0.00
46 T	cis-1,3-Dichloropropene	0.518	0.424	18.1	85	0.00
47 T	1,1,2-Trichloroethane	0.391	0.366	6.4	106	0.00
48 T	Dibromochloromethane	0.534	0.533	0.2	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.437	0.431	1.4	92	0.00
50 T	4-Methyl-2-Pentanone	1.095	1.063	2.9	107	0.00
51 T	2-Hexanone	0.888	0.828	6.8	103	0.00
52 T	Tetrachloroethene	0.385	0.305	20.8	95	0.00
53 T	Toluene	1.173	1.008	14.1	96	0.00
54 T	1,2-Dibromoethane	0.538	0.494	8.2	103	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	0.530	0.546	-3.0	107	0.00
57 T	Chlorobenzene	1.023	0.963	5.9	106	0.00
58 T	Ethyl Benzene	1.800	1.676	6.9	99	0.00
59 T	m/p-Xylene	1.448	1.404	3.0	104	0.00
60 T	o-Xylene	1.452	1.399	3.7	103	0.00
61 T	Styrene	0.628	0.561	10.7	87	0.00
62	Isopropylbenzene	2.181	2.079	4.7	102	0.00
63 T	1,1,2,2-Tetrachloroethane	0.909	0.886	2.5	110	0.00
64	n-propylbenzene	0.551	0.516	6.4	101	0.00
65	tert-Butylbenzene	1.968	1.815	7.8	100	0.00
66 T	Benzyl Chloride	0.173	0.119	31.2#	66	0.00
67	sec-Butylbenzene	2.723	2.537	6.8	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.833	0.889	-6.7	110	0.00
69	p-Isopropyltoluene	2.244	2.019	10.0	95	0.00
70	n-Butylbenzene	2.168	1.923	11.3	92	0.00
71	2-Chlorotoluene	1.665	1.484	10.9	96	0.00
72 T	4-Ethyltoluene	1.713	1.595	6.9	96	0.00
73 T	1,3,5-Trimethylbenzene	1.422	1.373	3.4	98	0.00
74 T	1,2,4-Trimethylbenzene	1.529	1.483	3.0	99	0.00
75 T	1,3-Dichlorobenzene	0.975	0.828	15.1	93	0.00
76 T	1,4-Dichlorobenzene	0.963	0.821	14.7	92	0.00
77 T	1,2-Dichlorobenzene	0.938	0.813	13.3	98	0.00
78 T	Hexachloro-1,3-Butadiene	0.695	0.464	33.2#	83	0.00
79 T	Naphthalene	1.065	0.973	8.6	81	0.00
80 T	Naphthalene,2-methyl-	0.329	0.316	4.0	51	0.00
81 T	1,2,4-Trichlorobenzene	0.582	0.461	20.8	78	0.00

(#) = Out of Range

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