

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041319.D
 Acq On : 5 Jun 2024 7:51
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 05 08:39:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 05 04:42:10 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	85	0.00
2 T	Dichlorodifluoromethane	1.597	1.637	-2.5	97	0.00
3	Chlorodifluoromethane	1.580	1.459	7.7	87	0.00
4	Chloromethane	0.595	0.640	-7.6	101	0.00
5 T	Vinyl Chloride	0.599	0.648	-8.2	99	0.00
6 T	Bromomethane	0.213	0.342	-60.6#	151#	0.00
7	Chloroethane	0.206	0.218	-5.8	96	0.00
8 T	Dichlorotetrafluoroethane	1.469	1.510	-2.8	96	0.00
9 T	Propene	0.563	0.599	-6.4	101	0.00
10 T	Heptane	1.334	1.434	-7.5	97	0.00
11 T	Trichlorofluoromethane	1.468	1.531	-4.3	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.037	1.104	-6.5	97	0.00
13	Ethanol	0.146	0.185	-26.7	128	0.00
14 T	Bromoethene	0.420	0.450	-7.1	95	0.00
15 T	Acetone	1.142	1.297	-13.6	109	0.00
16 T	1,3-Butadiene	0.574	0.656	-14.3	99	0.00
17	tert-Butyl alcohol	1.051	1.227	-16.7	100	0.00
18 T	1,1-Dichloroethene	0.442	0.490	-10.9	97	0.00
19 T	Isopropyl Alcohol	0.717	0.916	-27.8	105	0.00
20 T	Methylene Chloride	0.415	0.418	-0.7	102	0.00
21 T	Allyl Chloride	0.723	0.849	-17.4	105	0.00
22 T	trans-1,2-Dichloroethene	0.461	0.504	-9.3	97	0.00
23 T	Vinyl Acetate	1.168	1.467	-25.6	104	0.00
24 T	1,1-Dichloroethane	1.027	1.102	-7.3	98	0.00
25 T	Ethyl Acetate	2.259	2.435	-7.8	99	0.00
26 T	Hexane	1.016	1.051	-3.4	99	0.00
27 T	Carbon Disulfide	1.125	1.247	-10.8	94	0.00
28 T	Methyl tert-Butyl Ether	0.753	0.787	-4.5	95	0.00
29 T	Chloroform	1.558	1.583	-1.6	94	0.00
30 T	Cyclohexane	0.823	0.857	-4.1	95	0.00
31 T	cis-1,2-Dichloroethene	0.960	1.046	-9.0	97	0.00
32 T	1,1,1-Trichloroethane	1.476	1.564	-6.0	95	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	120	0.00
34 T	2-Butanone	0.479	0.375	21.7	96	0.00
35 T	Carbon Tetrachloride	0.568	0.413	27.3	88	0.00
36 T	Benzene	0.775	0.599	22.7	97	0.00
37 T	1,2-Dichloroethane	0.452	0.343	24.1	94	0.00
38 T	Trichloroethene	0.314	0.224	28.7	95	0.00
39 T	1,2-Dichloropropane	0.309	0.231	25.2	96	0.00
40 T	1,4-Dioxane	0.113	0.090	20.4	101	0.00
41 T	Tetrahydrofuran	0.312	0.259	17.0	102	0.00
42 T	Bromodichloromethane	0.649	0.488	24.8	92	0.00
43	Methyl Methacrylate	0.295	0.246	16.6	97	0.00
44 T	2,2,4-Trimethylpentane	1.333	1.019	23.6	97	0.00
45 T	t-1,3-Dichloropropene	0.199	0.273	-37.2#	146	0.00
46 T	cis-1,3-Dichloropropene	0.257	0.341	-32.7#	153#	0.00
47 T	1,1,2-Trichloroethane	0.323	0.246	23.8	95	0.00
48 T	Dibromochloromethane	0.532	0.410	22.9	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.428	0.341	20.3	94	0.00
50 T	4-Methyl-2-Pentanone	0.793	0.673	15.1	102	0.00
51 T	2-Hexanone	0.564	0.546	3.2	112	0.00
52 T	Tetrachloroethene	0.283	0.212	25.1	96	0.00
53 T	Toluene	0.892	0.699	21.6	96	0.00
54 T	1,2-Dibromoethane	0.420	0.367	12.6	104	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	141	0.00
56	1,1,1,2-Tetrachloroethane	0.423	0.259	38.8#	91	0.00
57 T	Chlorobenzene	0.743	0.458	38.4#	95	0.00
58 T	Ethyl Benzene	1.282	0.831	35.2#	96	0.00
59 T	m/p-Xylene	1.098	0.695	36.7#	94	0.00
60 T	o-Xylene	1.047	0.665	36.5#	96	0.00
61 T	Styrene	0.513	0.359	30.0#	96	0.00
62	Isopropylbenzene	1.583	0.978	38.2#	94	0.00
63 T	1,1,2,2-Tetrachloroethane	0.745	0.471	36.8#	95	0.00
64	n-propylbenzene	0.408	0.252	38.2#	91	0.00
65	tert-Butylbenzene	1.408	0.864	38.6#	94	0.00
66 T	Benzyl Chloride	0.093	0.122	-31.2#	163#	0.00
67	sec-Butylbenzene	1.989	1.230	38.2#	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.772	0.972	-25.9	177#	0.00
69	p-Isopropyltoluene	1.639	1.027	37.3#	95	0.00
70	n-Butylbenzene	1.700	1.081	36.4#	95	0.00
71	2-Chlorotoluene	1.212	0.745	38.5#	93	0.00
72 T	4-Ethyltoluene	1.220	0.783	35.8#	94	0.00
73 T	1,3,5-Trimethylbenzene	1.059	0.691	34.7#	95	0.00
74 T	1,2,4-Trimethylbenzene	1.197	0.754	37.0#	95	0.00
75 T	1,3-Dichlorobenzene	0.703	0.439	37.6#	92	0.00
76 T	1,4-Dichlorobenzene	0.702	0.430	38.7#	93	0.00
77 T	1,2-Dichlorobenzene	0.704	0.430	38.9#	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.577	0.312	45.9#	93	0.00
79 T	Naphthalene	1.039	0.780	24.9	92	0.01
80 T	Naphthalene,2-methyl-	0.351	0.274	21.9	94	0.00
81 T	1,2,4-Trichlorobenzene	0.579	0.355	38.7#	88	0.00

(#) = Out of Range

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