

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
 Data File : VL039336.D
 Acq On : 24 Jun 2022 10:11
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 27 01:48:40 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 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	95	-0.01
2 T	Dichlorodifluoromethane	1.756	1.329	24.3	84	-0.01
3	Chlorodifluoromethane	1.272	1.162	8.6	97	-0.01
4	Chloromethane	0.654	0.635	2.9	100	0.00
5 T	Vinyl Chloride	0.611	0.621	-1.6	101	-0.01
6 T	Bromomethane	0.301	0.270	10.3	95	0.00
7	Chloroethane	0.213	0.236	-10.8	112	0.00
8 T	Dichlorotetrafluoroethane	1.605	1.527	4.9	99	-0.01
9 T	Propene	0.555	0.528	4.9	103	0.00
10 T	Heptane	1.294	1.309	-1.2	101	-0.01
11 T	Trichlorofluoromethane	1.590	1.468	7.7	99	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.051	1.097	-4.4	109	-0.01
13	Ethanol	0.030	0.032#	-6.7	108	-0.01
14 T	Bromoethene	0.473	0.483	-2.1	103	0.00
15 T	Acetone	1.042	1.096	-5.2	114	-0.01
16 T	1,3-Butadiene	0.560	0.595	-6.2	107	-0.01
17	tert-Butyl alcohol	0.808	1.041	-28.8	124	0.00
18 T	1,1-Dichloroethene	0.472	0.503	-6.6	110	-0.01
19 T	Isopropyl Alcohol	0.489	0.582	-19.0	113	0.00
20 T	Methylene Chloride	0.439	0.416	5.2	118	-0.01
21 T	Allyl Chloride	0.703	0.817	-16.2	118	-0.02
22 T	trans-1,2-Dichloroethene	0.454	0.516	-13.7	112	-0.01
23 T	Vinyl Acetate	0.862	0.825	4.3	87	-0.01
24 T	1,1-Dichloroethane	1.181	1.048	11.3	95	-0.01
25 T	Ethyl Acetate	2.348	2.355	-0.3	104	-0.02
26 T	Hexane	1.032	1.014	1.7	101	-0.01
27 T	Carbon Disulfide	1.069	1.236	-15.6	109	-0.01
28 T	Methyl tert-Butyl Ether	1.139	0.971	14.7	90	-0.01
29 T	Chloroform	1.736	1.572	9.4	94	-0.02
30 T	Cyclohexane	0.867	0.870	-0.3	105	0.00
31 T	cis-1,2-Dichloroethene	1.052	1.014	3.6	98	-0.01
32 T	1,1,1-Trichloroethane	1.699	1.600	5.8	93	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	-0.02
34 T	2-Butanone	0.543	0.504	7.2	99	-0.01
35 T	Carbon Tetrachloride	0.730	0.603	17.4	90	-0.01
36 T	Benzene	0.812	0.756	6.9	103	-0.01
37 T	1,2-Dichloroethane	0.534	0.438	18.0	90	-0.01
38 T	Trichloroethene	0.373	0.381	-2.1	107	-0.02
39 T	1,2-Dichloropropane	0.323	0.282	12.7	98	-0.01
40 T	1,4-Dioxane	0.106	0.104	1.9	107	-0.01
41 T	Tetrahydrofuran	0.327	0.301	8.0	100	-0.01
42 T	Bromodichloromethane	0.742	0.627	15.5	92	-0.01
43	Methyl Methacrylate	0.316	0.304	3.8	99	-0.01
44 T	2,2,4-Trimethylpentane	1.420	1.276	10.1	102	-0.01
45 T	t-1,3-Dichloropropene	0.329	0.297	9.7	82	-0.02
46 T	cis-1,3-Dichloropropene	0.435	0.391	10.1	88	-0.02
47 T	1,1,2-Trichloroethane	0.337	0.315	6.5	103	0.00
48 T	Dibromochloromethane	0.602	0.543	9.8	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.501	0.446	11.0	92	-0.01
50 T	4-Methyl-2-Pentanone	0.813	0.777	4.4	100	-0.02
51 T	2-Hexanone	0.633	0.587	7.3	98	-0.02
52 T	Tetrachloroethene	0.317	0.291	8.2	105	-0.02
53 T	Toluene	0.935	0.905	3.2	106	-0.02
54 T	1,2-Dibromoethane	0.453	0.416	8.2	97	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	106	-0.02
56	1,1,1,2-Tetrachloroethane	0.473	0.409	13.5	101	-0.01
57 T	Chlorobenzene	0.752	0.691	8.1	107	-0.02
58 T	Ethyl Benzene	1.377	1.248	9.4	104	-0.01
59 T	m/p-Xylene	1.213	1.056	12.9	102	-0.01
60 T	o-Xylene	1.140	1.013	11.1	104	-0.01
61 T	Styrene	0.610	0.603	1.1	108	-0.02
62	Isopropylbenzene	1.694	1.498	11.6	105	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.640	0.509	20.5	97	-0.02
64	n-propylbenzene	0.416	0.391	6.0	106	-0.01
65	tert-Butylbenzene	1.549	1.372	11.4	105	-0.01
66 T	Benzyl Chloride	0.201	0.148	26.4	65	0.00
67	sec-Butylbenzene	2.114	1.870	11.5	103	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.827	0.736	11.0	96	-0.01
69	p-Isopropyltoluene	1.783	1.620	9.1	107	-0.02
70	n-Butylbenzene	1.830	1.598	12.7	100	-0.02
71	2-Chlorotoluene	1.292	1.103	14.6	100	0.00
72 T	4-Ethyltoluene	1.336	1.208	9.6	104	-0.01
73 T	1,3,5-Trimethylbenzene	1.205	1.113	7.6	105	0.00
74 T	1,2,4-Trimethylbenzene	1.345	1.198	10.9	104	0.00
75 T	1,3-Dichlorobenzene	0.761	0.708	7.0	106	-0.01
76 T	1,4-Dichlorobenzene	0.759	0.687	9.5	106	-0.02
77 T	1,2-Dichlorobenzene	0.767	0.684	10.8	105	-0.01
78 T	Hexachloro-1,3-Butadiene	0.701	0.515	26.5	92	-0.01
79 T	Naphthalene	1.035	1.019	1.5	96	-0.02
80 T	Naphthalene,2-methyl-	0.385	0.343	10.9	75	0.00
81 T	1,2,4-Trichlorobenzene	0.656	0.591	9.9	99	0.00

(#) = Out of Range

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