

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051322\
 Data File : VL039034.D
 Acq On : 13 May 2022 12:28
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 14 00:52:35 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 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	69	-0.02
2 T	Dichlorodifluoromethane	1.567	1.533	2.2	73	0.00
3	Chlorodifluoromethane	1.241	1.260	-1.5	76	-0.01
4	Chloromethane	0.621	0.641	-3.2	75	-0.01
5 T	Vinyl Chloride	0.567	0.613	-8.1	76	-0.01
6 T	Bromomethane	0.268	0.303	-13.1	78	-0.02
7	Chloroethane	0.190	0.208	-9.5	77	-0.02
8 T	Dichlorotetrafluoroethane	1.420	1.486	-4.6	77	-0.02
9 T	Propene	0.542	0.603	-11.3	87	-0.01
10 T	Heptane	1.329	1.486	-11.8	80	-0.02
11 T	Trichlorofluoromethane	1.344	1.369	-1.9	75	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.926	0.994	-7.3	77	-0.02
13	Ethanol	0.038	0.037#	2.6	84	-0.01
14 T	Bromoethene	0.382	0.447	-17.0	81	-0.01
15 T	Acetone	0.943	0.980	-3.9	77	-0.01
16 T	1,3-Butadiene	0.542	0.566	-4.4	75	-0.01
17	tert-Butyl alcohol	0.725	0.782	-7.9	77	-0.02
18 T	1,1-Dichloroethene	0.399	0.431	-8.0	78	-0.02
19 T	Isopropyl Alcohol	0.449	0.485	-8.0	75	-0.01
20 T	Methylene Chloride	0.356	0.370	-3.9	80	-0.02
21 T	Allyl Chloride	0.643	0.733	-14.0	79	-0.01
22 T	trans-1,2-Dichloroethene	0.431	0.448	-3.9	74	-0.02
23 T	Vinyl Acetate	0.746	0.870	-16.6	80	-0.02
24 T	1,1-Dichloroethane	0.859	0.926	-7.8	78	-0.02
25 T	Ethyl Acetate	2.258	2.567	-13.7	80	-0.02
26 T	Hexane	1.003	1.119	-11.6	82	-0.02
27 T	Carbon Disulfide	0.953	1.120	-17.5	77	-0.02
28 T	Methyl tert-Butyl Ether	0.763	0.867	-13.6	79	-0.02
29 T	Chloroform	1.623	1.785	-10.0	78	-0.02
30 T	Cyclohexane	0.840	0.952	-13.3	83	-0.02
31 T	cis-1,2-Dichloroethene	1.022	1.129	-10.5	77	-0.02
32 T	1,1,1-Trichloroethane	1.623	1.756	-8.2	76	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	-0.02
34 T	2-Butanone	0.510	0.548	-7.5	85	-0.02
35 T	Carbon Tetrachloride	0.659	0.653	0.9	76	-0.02
36 T	Benzene	0.856	0.865	-1.1	82	-0.02
37 T	1,2-Dichloroethane	0.529	0.492	7.0	73	-0.02
38 T	Trichloroethene	0.380	0.369	2.9	81	-0.02
39 T	1,2-Dichloropropane	0.333	0.331	0.6	79	-0.02
40 T	1,4-Dioxane	0.120	0.120	0.0	79	-0.02
41 T	Tetrahydrofuran	0.343	0.356	-3.8	82	-0.02
42 T	Bromodichloromethane	0.724	0.716	1.1	76	-0.02
43	Methyl Methacrylate	0.347	0.360	-3.7	81	-0.02
44 T	2,2,4-Trimethylpentane	1.502	1.452	3.3	81	-0.02
45 T	t-1,3-Dichloropropene	0.336	0.405	-20.5	79	-0.02
46 T	cis-1,3-Dichloropropene	0.446	0.492	-10.3	79	-0.02
47 T	1,1,2-Trichloroethane	0.346	0.355	-2.6	83	-0.02
48 T	Dibromochloromethane	0.564	0.587	-4.1	78	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.475	-10.5	79	-0.02
50 T	4-Methyl-2-Pentanone	0.895	0.903	-0.9	79	-0.02
51 T	2-Hexanone	0.653	0.719	-10.1	79	-0.02
52 T	Tetrachloroethene	0.306	0.301	1.6	84	-0.02
53 T	Toluene	0.959	1.011	-5.4	84	-0.02
54 T	1,2-Dibromoethane	0.471	0.501	-6.4	81	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	74	-0.02
56	1,1,1,2-Tetrachloroethane	0.439	0.460	-4.8	81	-0.02
57 T	Chlorobenzene	0.750	0.789	-5.2	83	-0.02
58 T	Ethyl Benzene	1.439	1.509	-4.9	83	-0.02
59 T	m/p-Xylene	1.229	1.267	-3.1	82	-0.02
60 T	o-Xylene	1.156	1.189	-2.9	82	-0.02
61 T	Styrene	0.617	0.719	-16.5	85	-0.02
62	Isopropylbenzene	1.691	1.725	-2.0	82	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.681	0.677	0.6	81	-0.02
64	n-propylbenzene	0.409	0.443	-8.3	83	-0.02
65	tert-Butylbenzene	1.482	1.488	-0.4	82	-0.02
66 T	Benzyl Chloride	0.194	0.264	-36.1#	76	-0.02
67	sec-Butylbenzene	2.117	2.151	-1.6	82	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.792	0.764	3.5	72	-0.02
69	p-Isopropyltoluene	1.710	1.761	-3.0	82	-0.02
70	n-Butylbenzene	1.817	1.879	-3.4	80	-0.02
71	2-Chlorotoluene	1.304	1.333	-2.2	81	-0.02
72 T	4-Ethyltoluene	1.318	1.418	-7.6	83	-0.02
73 T	1,3,5-Trimethylbenzene	1.186	1.269	-7.0	82	-0.02
74 T	1,2,4-Trimethylbenzene	1.299	1.334	-2.7	81	-0.02
75 T	1,3-Dichlorobenzene	0.712	0.760	-6.7	82	-0.02
76 T	1,4-Dichlorobenzene	0.700	0.729	-4.1	80	-0.02
77 T	1,2-Dichlorobenzene	0.704	0.733	-4.1	81	-0.02
78 T	Hexachloro-1,3-Butadiene	0.647	0.585	9.6	80	-0.02
79 T	Naphthalene	1.055	1.258	-19.2	82	-0.02
80 T	Naphthalene,2-methyl-	0.319	0.414	-29.8	84	-0.01
81 T	1,2,4-Trichlorobenzene	0.618	0.663	-7.3	82	-0.02

(#) = Out of Range

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