

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
 Data File : VL039131.D
 Acq On : 26 May 2022 11:56
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 27 04:28:27 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	72	-0.02
2 T	Dichlorodifluoromethane	1.567	1.361	13.1	67	0.00
3	Chlorodifluoromethane	1.241	1.278	-3.0	80	-0.01
4	Chloromethane	0.621	0.627	-1.0	77	-0.01
5 T	Vinyl Chloride	0.567	0.662	-16.8	85	-0.01
6 T	Bromomethane	0.268	0.341	-27.2	91	-0.02
7	Chloroethane	0.190	0.226	-18.9	88	-0.01
8 T	Dichlorotetrafluoroethane	1.420	1.698	-19.6	91	-0.01
9 T	Propene	0.542	0.445	17.9	67	0.00
10 T	Heptane	1.329	1.271	4.4	71	-0.02
11 T	Trichlorofluoromethane	1.344	1.758	-30.8#	101	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.926	1.217	-31.4#	98	-0.02
13	Ethanol	0.038	0.039#	-2.6	91	-0.02
14 T	Bromoethene	0.382	0.484	-26.7	91	-0.01
15 T	Acetone	0.943	1.145	-21.4	94	-0.02
16 T	1,3-Butadiene	0.542	0.611	-12.7	85	0.00
17	tert-Butyl alcohol	0.725	0.934	-28.8	96	-0.01
18 T	1,1-Dichloroethene	0.399	0.532	-33.3#	100	-0.01
19 T	Isopropyl Alcohol	0.449	0.578	-28.7	94	0.00
20 T	Methylene Chloride	0.356	0.467	-31.2#	105	-0.02
21 T	Allyl Chloride	0.643	0.794	-23.5	90	-0.02
22 T	trans-1,2-Dichloroethene	0.431	0.559	-29.7	97	-0.02
23 T	Vinyl Acetate	0.746	1.001	-34.2#	96	-0.02
24 T	1,1-Dichloroethane	0.859	1.091	-27.0	96	-0.02
25 T	Ethyl Acetate	2.258	2.345	-3.9	76	-0.02
26 T	Hexane	1.003	0.993	1.0	76	-0.02
27 T	Carbon Disulfide	0.953	1.333	-39.9#	96	-0.02
28 T	Methyl tert-Butyl Ether	0.763	0.979	-28.3	93	-0.02
29 T	Chloroform	1.623	1.775	-9.4	81	-0.02
30 T	Cyclohexane	0.840	0.776	7.6	71	-0.02
31 T	cis-1,2-Dichloroethene	1.022	1.069	-4.6	76	-0.02
32 T	1,1,1-Trichloroethane	1.623	1.850	-14.0	84	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	-0.02
34 T	2-Butanone	0.510	0.662	-29.8	87	-0.02
35 T	Carbon Tetrachloride	0.659	0.883	-34.0#	87	-0.02
36 T	Benzene	0.856	0.852	0.5	69	-0.02
37 T	1,2-Dichloroethane	0.529	0.685	-29.5	86	-0.02
38 T	Trichloroethene	0.380	0.394	-3.7	74	-0.02
39 T	1,2-Dichloropropane	0.333	0.342	-2.7	69	-0.02
40 T	1,4-Dioxane	0.120	0.128	-6.7	72	-0.02
41 T	Tetrahydrofuran	0.343	0.351	-2.3	69	-0.02
42 T	Bromodichloromethane	0.724	0.870	-20.2	79	-0.02
43	Methyl Methacrylate	0.347	0.377	-8.6	72	-0.02
44 T	2,2,4-Trimethylpentane	1.502	1.540	-2.5	73	-0.02
45 T	t-1,3-Dichloropropene	0.336	0.460	-36.9#	76	-0.02
46 T	cis-1,3-Dichloropropene	0.446	0.550	-23.3	76	-0.02
47 T	1,1,2-Trichloroethane	0.346	0.366	-5.8	73	-0.02
48 T	Dibromochloromethane	0.564	0.710	-25.9	80	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.567	-31.9#	81	-0.02
50 T	4-Methyl-2-Pentanone	0.895	0.981	-9.6	73	-0.02
51 T	2-Hexanone	0.653	0.774	-18.5	72	-0.02
52 T	Tetrachloroethene	0.306	0.312	-2.0	74	-0.01
53 T	Toluene	0.959	1.018	-6.2	72	-0.02
54 T	1,2-Dibromoethane	0.471	0.534	-13.4	74	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	65	-0.02
56	1,1,1,2-Tetrachloroethane	0.439	0.520	-18.5	80	-0.02
57 T	Chlorobenzene	0.750	0.821	-9.5	76	-0.02
58 T	Ethyl Benzene	1.439	1.547	-7.5	75	-0.02
59 T	m/p-Xylene	1.229	1.391	-13.2	79	-0.02
60 T	o-Xylene	1.156	1.336	-15.6	81	-0.02
61 T	Styrene	0.617	0.715	-15.9	74	-0.02
62	Isopropylbenzene	1.691	1.912	-13.1	80	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.681	0.752	-10.4	79	-0.02
64	n-propylbenzene	0.409	0.474	-15.9	78	-0.02
65	tert-Butylbenzene	1.482	1.747	-17.9	85	-0.02
66 T	Benzyl Chloride	0.194	0.323	-66.5#	81	-0.02
67	sec-Butylbenzene	2.117	2.484	-17.3	84	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.792	0.928	-17.2	76	-0.02
69	p-Isopropyltoluene	1.710	2.042	-19.4	84	-0.02
70	n-Butylbenzene	1.817	2.223	-22.3	84	-0.02
71	2-Chlorotoluene	1.304	1.487	-14.0	79	-0.02
72 T	4-Ethyltoluene	1.318	1.548	-17.5	80	-0.02
73 T	1,3,5-Trimethylbenzene	1.186	1.419	-19.6	81	-0.02
74 T	1,2,4-Trimethylbenzene	1.299	1.577	-21.4	84	-0.02
75 T	1,3-Dichlorobenzene	0.712	0.861	-20.9	82	-0.02
76 T	1,4-Dichlorobenzene	0.700	0.839	-19.9	80	-0.02
77 T	1,2-Dichlorobenzene	0.704	0.834	-18.5	81	-0.02
78 T	Hexachloro-1,3-Butadiene	0.647	0.732	-13.1	88	-0.02
79 T	Naphthalene	1.055	1.388	-31.6#	80	-0.02
80 T	Naphthalene,2-methyl-	0.319	0.413	-29.5	74	-0.01
81 T	1,2,4-Trichlorobenzene	0.618	0.745	-20.6	81	-0.02

(#) = Out of Range

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