

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051722\
 Data File : VL039081.D
 Acq On : 18 May 2022 9:19
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 19 01:28:50 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	61	0.00
2 T	Dichlorodifluoromethane	1.567	1.694	-8.1	72	0.00
3	Chlorodifluoromethane	1.241	1.379	-11.1	74	0.00
4	Chloromethane	0.621	0.672	-8.2	70	0.00
5 T	Vinyl Chloride	0.567	0.694	-22.4	76	0.00
6 T	Bromomethane	0.268	0.341	-27.2	78	0.00
7	Chloroethane	0.190	0.239	-25.8	79	0.00
8 T	Dichlorotetrafluoroethane	1.420	1.748	-23.1	80	0.00
9 T	Propene	0.542	0.539	0.6	69	0.00
10 T	Heptane	1.329	1.401	-5.4	67	0.00
11 T	Trichlorofluoromethane	1.344	1.680	-25.0	82	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.926	1.184	-27.9	81	0.00
13	Ethanol	0.038	0.031#	18.4	62	-0.01
14 T	Bromoethene	0.382	0.504	-31.9#	81	0.00
15 T	Acetone	0.943	1.186	-25.8	83	0.00
16 T	1,3-Butadiene	0.542	0.648	-19.6	77	0.00
17	tert-Butyl alcohol	0.725	1.013	-39.7#	89	0.00
18 T	1,1-Dichloroethene	0.399	0.527	-32.1#	84	0.00
19 T	Isopropyl Alcohol	0.449	0.618	-37.6#	85	0.00
20 T	Methylene Chloride	0.356	0.432	-21.3	83	0.00
21 T	Allyl Chloride	0.643	0.803	-24.9	77	0.00
22 T	trans-1,2-Dichloroethene	0.431	0.536	-24.4	79	0.00
23 T	Vinyl Acetate	0.746	0.995	-33.4#	81	0.00
24 T	1,1-Dichloroethane	0.859	1.089	-26.8	82	0.00
25 T	Ethyl Acetate	2.258	2.573	-14.0	71	0.00
26 T	Hexane	1.003	1.091	-8.8	71	0.00
27 T	Carbon Disulfide	0.953	1.283	-34.6#	79	0.00
28 T	Methyl tert-Butyl Ether	0.763	0.961	-26.0	78	0.00
29 T	Chloroform	1.623	1.862	-14.7	72	0.00
30 T	Cyclohexane	0.840	0.865	-3.0	67	0.00
31 T	cis-1,2-Dichloroethene	1.022	1.175	-15.0	71	0.00
32 T	1,1,1-Trichloroethane	1.623	1.930	-18.9	74	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	59	0.00
34 T	2-Butanone	0.510	0.634	-24.3	75	0.00
35 T	Carbon Tetrachloride	0.659	0.852	-29.3	75	0.00
36 T	Benzene	0.856	0.920	-7.5	67	0.00
37 T	1,2-Dichloroethane	0.529	0.667	-26.1	75	0.00
38 T	Trichloroethene	0.380	0.416	-9.5	70	0.00
39 T	1,2-Dichloropropane	0.333	0.368	-10.5	67	0.00
40 T	1,4-Dioxane	0.120	0.126	-5.0	64	0.00
41 T	Tetrahydrofuran	0.343	0.374	-9.0	66	0.00
42 T	Bromodichloromethane	0.724	0.872	-20.4	71	0.00
43	Methyl Methacrylate	0.347	0.389	-12.1	66	0.00
44 T	2,2,4-Trimethylpentane	1.502	1.611	-7.3	68	0.00
45 T	t-1,3-Dichloropropene	0.336	0.451	-34.2#	67	0.00
46 T	cis-1,3-Dichloropropene	0.446	0.552	-23.8	68	0.00
47 T	1,1,2-Trichloroethane	0.346	0.375	-8.4	67	0.00
48 T	Dibromochloromethane	0.564	0.692	-22.7	70	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.529	-23.0	68	0.00
50 T	4-Methyl-2-Pentanone	0.895	0.999	-11.6	67	0.00
51 T	2-Hexanone	0.653	0.788	-20.7	66	0.00
52 T	Tetrachloroethene	0.306	0.320	-4.6	68	0.00
53 T	Toluene	0.959	1.058	-10.3	67	0.00
54 T	1,2-Dibromoethane	0.471	0.539	-14.4	67	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	62	0.00
56	1,1,1,2-Tetrachloroethane	0.439	0.484	-10.3	70	0.00
57 T	Chlorobenzene	0.750	0.784	-4.5	68	0.00
58 T	Ethyl Benzene	1.439	1.492	-3.7	68	0.00
59 T	m/p-Xylene	1.229	1.301	-5.9	70	0.00
60 T	o-Xylene	1.156	1.237	-7.0	71	0.00
61 T	Styrene	0.617	0.680	-10.2	67	0.00
62	Isopropylbenzene	1.691	1.761	-4.1	70	0.00
63 T	1,1,2,2-Tetrachloroethane	0.681	0.687	-0.9	68	0.00
64	n-propylbenzene	0.409	0.444	-8.6	69	0.00
65	tert-Butylbenzene	1.482	1.582	-6.7	72	0.00
66 T	Benzyl Chloride	0.194	0.259	-33.5#	61	0.00
67	sec-Butylbenzene	2.117	2.265	-7.0	72	0.00
68 S	1-Bromo-4-Fluorobenzene	0.792	0.818	-3.3	63	0.00
69	p-Isopropyltoluene	1.710	1.884	-10.2	73	0.00
70	n-Butylbenzene	1.817	2.099	-15.5	74	0.00
71	2-Chlorotoluene	1.304	1.370	-5.1	69	0.00
72 T	4-Ethyltoluene	1.318	1.424	-8.0	69	0.00
73 T	1,3,5-Trimethylbenzene	1.186	1.322	-11.5	71	0.00
74 T	1,2,4-Trimethylbenzene	1.299	1.453	-11.9	73	0.00
75 T	1,3-Dichlorobenzene	0.712	0.798	-12.1	72	0.00
76 T	1,4-Dichlorobenzene	0.700	0.781	-11.6	71	0.00
77 T	1,2-Dichlorobenzene	0.704	0.792	-12.5	73	0.00
78 T	Hexachloro-1,3-Butadiene	0.647	0.762	-17.8	86	0.00
79 T	Naphthalene	1.055	1.569	-48.7#	85	0.00
80 T	Naphthalene,2-methyl-	0.319	0.437	-37.0#	73	0.00
81 T	1,2,4-Trichlorobenzene	0.618	0.828	-34.0#	85	0.00

(#) = Out of Range

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