

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
 Data File : VL039115.D
 Acq On : 25 May 2022 12:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 26 07:58:07 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	85	-0.03
2 T	Dichlorodifluoromethane	1.567	1.010	35.5#	59	-0.01
3	Chlorodifluoromethane	1.241	1.246	-0.4	93	-0.02
4	Chloromethane	0.621	0.576	7.2	84	-0.02
5 T	Vinyl Chloride	0.567	0.601	-6.0	92	-0.02
6 T	Bromomethane	0.268	0.275	-2.6	87	-0.02
7	Chloroethane	0.190	0.206	-8.4	94	-0.02
8 T	Dichlorotetrafluoroethane	1.420	1.410	0.7	90	-0.02
9 T	Propene	0.542	0.530	2.2	94	-0.02
10 T	Heptane	1.329	1.313	1.2	87	-0.03
11 T	Trichlorofluoromethane	1.344	1.404	-4.5	95	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.926	1.006	-8.6	96	-0.02
13	Ethanol	0.038	0.053	-39.5#	147	-0.03
14 T	Bromoethene	0.382	0.420	-9.9	93	-0.02
15 T	Acetone	0.943	0.980	-3.9	95	-0.02
16 T	1,3-Butadiene	0.542	0.557	-2.8	91	-0.02
17	tert-Butyl alcohol	0.725	0.874	-20.6	107	-0.02
18 T	1,1-Dichloroethene	0.399	0.442	-10.8	99	-0.02
19 T	Isopropyl Alcohol	0.449	0.534	-18.9	103	-0.02
20 T	Methylene Chloride	0.356	0.383	-7.6	102	-0.02
21 T	Allyl Chloride	0.643	0.669	-4.0	89	-0.02
22 T	trans-1,2-Dichloroethene	0.431	0.458	-6.3	94	-0.02
23 T	Vinyl Acetate	0.746	0.699	6.3	79	-0.02
24 T	1,1-Dichloroethane	0.859	0.896	-4.3	93	-0.02
25 T	Ethyl Acetate	2.258	2.570	-13.8	99	-0.02
26 T	Hexane	1.003	1.049	-4.6	95	-0.02
27 T	Carbon Disulfide	0.953	1.071	-12.4	91	-0.02
28 T	Methyl tert-Butyl Ether	0.763	0.852	-11.7	96	-0.02
29 T	Chloroform	1.623	1.653	-1.8	89	-0.03
30 T	Cyclohexane	0.840	0.814	3.1	88	-0.03
31 T	cis-1,2-Dichloroethene	1.022	1.025	-0.3	87	-0.03
32 T	1,1,1-Trichloroethane	1.623	1.693	-4.3	91	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	-0.03
34 T	2-Butanone	0.510	0.508	0.4	86	-0.03
35 T	Carbon Tetrachloride	0.659	0.710	-7.7	90	-0.03
36 T	Benzene	0.856	0.832	2.8	87	-0.03
37 T	1,2-Dichloroethane	0.529	0.540	-2.1	88	-0.03
38 T	Trichloroethene	0.380	0.325	14.5	78	-0.03
39 T	1,2-Dichloropropane	0.333	0.332	0.3	87	-0.03
40 T	1,4-Dioxane	0.120	0.119	0.8	87	-0.02
41 T	Tetrahydrofuran	0.343	0.338	1.5	86	-0.02
42 T	Bromodichloromethane	0.724	0.748	-3.3	88	-0.03
43	Methyl Methacrylate	0.347	0.361	-4.0	89	-0.03
44 T	2,2,4-Trimethylpentane	1.502	1.437	4.3	88	-0.03
45 T	t-1,3-Dichloropropene	0.336	0.294	12.5	62	-0.03
46 T	cis-1,3-Dichloropropene	0.446	0.410	8.1	73	-0.03
47 T	1,1,2-Trichloroethane	0.346	0.341	1.4	87	-0.03
48 T	Dibromochloromethane	0.564	0.592	-5.0	86	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.477	-10.9	88	-0.03
50 T	4-Methyl-2-Pentanone	0.895	0.864	3.5	83	-0.03
51 T	2-Hexanone	0.653	0.651	0.3	78	-0.03
52 T	Tetrachloroethene	0.306	0.295	3.6	90	-0.03
53 T	Toluene	0.959	0.952	0.7	87	-0.03
54 T	1,2-Dibromoethane	0.471	0.502	-6.6	89	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	84	-0.03
56	1,1,1,2-Tetrachloroethane	0.439	0.470	-7.1	94	-0.03
57 T	Chlorobenzene	0.750	0.740	1.3	88	-0.03
58 T	Ethyl Benzene	1.439	1.401	2.6	87	-0.03
59 T	m/p-Xylene	1.229	1.199	2.4	88	-0.03
60 T	o-Xylene	1.156	1.143	1.1	89	-0.03
61 T	Styrene	0.617	0.614	0.5	82	-0.03
62	Isopropylbenzene	1.691	1.703	-0.7	92	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.681	0.785	-15.3	106	-0.03
64	n-propylbenzene	0.409	0.431	-5.4	92	-0.03
65	tert-Butylbenzene	1.482	1.503	-1.4	94	-0.03
66 T	Benzyl Chloride	0.194	0.103	46.9#	34	-0.03
67	sec-Butylbenzene	2.117	2.150	-1.6	94	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.792	0.790	0.3	84	-0.03
69	p-Isopropyltoluene	1.710	1.771	-3.6	94	-0.03
70	n-Butylbenzene	1.817	1.887	-3.9	92	-0.03
71	2-Chlorotoluene	1.304	1.305	-0.1	90	-0.03
72 T	4-Ethyltoluene	1.318	1.310	0.6	87	-0.03
73 T	1,3,5-Trimethylbenzene	1.186	1.192	-0.5	87	-0.03
74 T	1,2,4-Trimethylbenzene	1.299	1.307	-0.6	90	-0.03
75 T	1,3-Dichlorobenzene	0.712	0.730	-2.5	90	-0.03
76 T	1,4-Dichlorobenzene	0.700	0.697	0.4	86	-0.02
77 T	1,2-Dichlorobenzene	0.704	0.708	-0.6	89	-0.03
78 T	Hexachloro-1,3-Butadiene	0.647	0.558	13.8	87	-0.02
79 T	Naphthalene	1.055	1.008	4.5	75	-0.03
80 T	Naphthalene,2-methyl-	0.319	0.257	19.4	59	-0.02
81 T	1,2,4-Trichlorobenzene	0.618	0.561	9.2	79	-0.03

(#) = Out of Range

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