

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039668.D
 Acq On : 22 Sep 2022 15:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 23 06:34:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 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	87	0.02
2 T	Dichlorodifluoromethane	1.159	1.079	6.9	99	0.01
3	Chlorodifluoromethane	1.187	1.111	6.4	93	0.02
4	Chloromethane	0.716	0.682	4.7	93	0.02
5 T	Vinyl Chloride	0.597	0.595	0.3	93	0.02
6 T	Bromomethane	0.220	0.219	0.5	94	0.02
7	Chloroethane	0.218	0.211	3.2	88	0.02
8 T	Dichlorotetrafluoroethane	1.391	1.311	5.8	90	0.02
9 T	Propene	0.542	0.509	6.1	90	0.02
10 T	Heptane	1.265	1.273	-0.6	91	0.03
11 T	Trichlorofluoromethane	1.436	1.402	2.4	95	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.084	1.037	4.3	95	0.02
13	Ethanol	0.041	0.029#	29.3	74	0.02
14 T	Bromoethene	0.433	0.413	4.6	88	0.02
15 T	Acetone	1.113	1.042	6.4	94	0.02
16 T	1,3-Butadiene	0.564	0.569	-0.9	92	0.02
17	tert-Butyl alcohol	0.999	1.068	-6.9	92	0.02
18 T	1,1-Dichloroethene	0.477	0.463	2.9	92	0.02
19 T	Isopropyl Alcohol	0.567	0.564	0.5	90	0.02
20 T	Methylene Chloride	0.514	0.394	23.3	93	0.02
21 T	Allyl Chloride	0.758	0.733	3.3	92	0.02
22 T	trans-1,2-Dichloroethene	0.472	0.466	1.3	90	0.02
23 T	Vinyl Acetate	0.503	0.474	5.8	89	0.02
24 T	1,1-Dichloroethane	1.002	0.979	2.3	92	0.02
25 T	Ethyl Acetate	2.426	2.297	5.3	92	0.02
26 T	Hexane	1.030	0.955	7.3	91	0.02
27 T	Carbon Disulfide	1.082	1.141	-5.5	89	0.02
28 T	Methyl tert-Butyl Ether	0.865	0.859	0.7	93	0.02
29 T	Chloroform	1.486	1.453	2.2	94	0.03
30 T	Cyclohexane	0.797	0.783	1.8	90	0.03
31 T	cis-1,2-Dichloroethene	0.931	0.920	1.2	90	0.02
32 T	1,1,1-Trichloroethane	1.346	1.435	-6.6	94	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.03
34 T	2-Butanone	0.491	0.504	-2.6	102	0.02
35 T	Carbon Tetrachloride	0.531	0.583	-9.8	95	0.03
36 T	Benzene	0.765	0.763	0.3	90	0.03
37 T	1,2-Dichloroethane	0.416	0.422	-1.4	93	0.03
38 T	Trichloroethene	0.413	0.445	-7.7	93	0.03
39 T	1,2-Dichloropropane	0.295	0.294	0.3	91	0.03
40 T	1,4-Dioxane	0.121	0.112	7.4	96	0.02
41 T	Tetrahydrofuran	0.301	0.305	-1.3	85	0.02
42 T	Bromodichloromethane	0.579	0.604	-4.3	93	0.03
43	Methyl Methacrylate	0.279	0.301	-7.9	90	0.03
44 T	2,2,4-Trimethylpentane	1.318	1.305	1.0	92	0.03
45 T	t-1,3-Dichloropropene	0.236	0.283	-19.9	87	0.02
46 T	cis-1,3-Dichloropropene	0.335	0.389	-16.1	89	0.03
47 T	1,1,2-Trichloroethane	0.323	0.312	3.4	90	0.03
48 T	Dibromochloromethane	0.486	0.513	-5.6	88	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.402	0.413	-2.7	83	0.03
50 T	4-Methyl-2-Pentanone	0.772	0.821	-6.3	91	0.03
51 T	2-Hexanone	0.571	0.633	-10.9	90	0.03
52 T	Tetrachloroethene	0.292	0.284	2.7	90	0.03
53 T	Toluene	0.850	0.895	-5.3	89	0.03
54 T	1,2-Dibromoethane	0.345	0.360	-4.3	88	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.03
56	1,1,1,2-Tetrachloroethane	0.404	0.381	5.7	90	0.03
57 T	Chlorobenzene	0.735	0.675	8.2	89	0.03
58 T	Ethyl Benzene	1.153	1.167	-1.2	89	0.03
59 T	m/p-Xylene	1.026	0.984	4.1	89	0.03
60 T	o-Xylene	0.980	0.943	3.8	89	0.03
61 T	Styrene	0.528	0.552	-4.5	85	0.03
62	Isopropylbenzene	1.474	1.360	7.7	88	0.03
63 T	1,1,2,2-Tetrachloroethane	0.391	0.357	8.7	88	0.03
64	n-propylbenzene	0.378	0.352	6.9	88	0.03
65	tert-Butylbenzene	1.303	1.197	8.1	88	0.03
66 T	Benzyl Chloride	0.104	0.093	10.6	75	0.02
67	sec-Butylbenzene	1.827	1.664	8.9	88	0.03
68 S	1-Bromo-4-Fluorobenzene	0.747	0.750	-0.4	87	0.03
69	p-Isopropyltoluene	1.501	1.389	7.5	87	0.03
70	n-Butylbenzene	1.472	1.385	5.9	89	0.03
71	2-Chlorotoluene	1.065	0.988	7.2	87	0.03
72 T	4-Ethyltoluene	1.119	1.065	4.8	85	0.03
73 T	1,3,5-Trimethylbenzene	1.024	0.980	4.3	89	0.03
74 T	1,2,4-Trimethylbenzene	1.147	1.044	9.0	87	0.03
75 T	1,3-Dichlorobenzene	0.685	0.620	9.5	87	0.04
76 T	1,4-Dichlorobenzene	0.685	0.608	11.2	89	0.03
77 T	1,2-Dichlorobenzene	0.668	0.602	9.9	88	0.03
78 T	Hexachloro-1,3-Butadiene	0.510	0.483	5.3	103	0.03
79 T	Naphthalene	0.757	1.008	-33.2#	107	0.03
80 T	Naphthalene,2-methyl-	0.285	0.365	-28.1	113	0.03
81 T	1,2,4-Trichlorobenzene	0.497	0.564	-13.5	106	0.04

(#) = Out of Range

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