

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL040003.D
 Acq On : 13 Dec 2022 8:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 13 14:17:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 23:21:36 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	55	0.01
2 T	Dichlorodifluoromethane	1.432	1.300	9.2	68	0.01
3	Chlorodifluoromethane	1.380	1.380	0.0	59	0.00
4	Chloromethane	0.882	0.784	11.1	50	0.01
5 T	Vinyl Chloride	0.689	0.731	-6.1	54	0.01
6 T	Bromomethane	0.235	0.313	-33.2#	73	0.00
7	Chloroethane	0.272	0.274	-0.7	56	0.01
8 T	Dichlorotetrafluoroethane	1.635	1.730	-5.8	63	0.00
9 T	Propene	0.650	0.603	7.2	52	0.01
10 T	Heptane	1.568	1.546	1.4	55	0.01
11 T	Trichlorofluoromethane	1.747	1.797	-2.9	59	0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.322	1.399	-5.8	61	0.01
13	Ethanol	0.050	0.041#	18.0	52	0.00
14 T	Bromoethene	0.516	0.529	-2.5	55	0.01
15 T	Acetone	1.326	1.323	0.2	58	0.01
16 T	1,3-Butadiene	0.661	0.678	-2.6	54	0.01
17	tert-Butyl alcohol	1.525	1.582	-3.7	56	0.00
18 T	1,1-Dichloroethene	0.603	0.610	-1.2	57	0.01
19 T	Isopropyl Alcohol	0.718	0.681	5.2	50	0.00
20 T	Methylene Chloride	0.643	0.525	18.4	58	0.02
21 T	Allyl Chloride	0.920	0.892	3.0	52	0.01
22 T	trans-1,2-Dichloroethene	0.613	0.620	-1.1	56	0.01
23 T	Vinyl Acetate	0.545	0.233	57.2#	23	0.00
24 T	1,1-Dichloroethane	1.314	1.355	-3.1	58	0.00
25 T	Ethyl Acetate	2.435	2.882	-18.4	66	0.00
26 T	Hexane	1.064	1.081	-1.6	58	0.01
27 T	Carbon Disulfide	1.343	1.357	-1.0	49	0.02
28 T	Methyl tert-Butyl Ether	1.332	1.325	0.5	56	0.01
29 T	Chloroform	1.414	1.531	-8.3	57	0.02
30 T	Cyclohexane	1.044	1.056	-1.1	58	0.01
31 T	cis-1,2-Dichloroethene	0.983	1.022	-4.0	55	0.02
32 T	1,1,1-Trichloroethane	1.766	1.799	-1.9	57	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	60	0.01
34 T	2-Butanone	0.478	0.486	-1.7	57	0.01
35 T	Carbon Tetrachloride	0.568	0.581	-2.3	56	0.02
36 T	Benzene	0.850	0.845	0.6	59	0.01
37 T	1,2-Dichloroethane	0.466	0.448	3.9	57	0.02
38 T	Trichloroethene	0.475	0.388	18.3	49	0.02
39 T	1,2-Dichloropropane	0.331	0.322	2.7	57	0.02
40 T	1,4-Dioxane	0.132	0.134	-1.5	61	0.01
41 T	Tetrahydrofuran	0.330	0.325	1.5	54	0.01
42 T	Bromodichloromethane	0.632	0.648	-2.5	56	0.02
43	Methyl Methacrylate	0.333	0.356	-6.9	59	0.01
44 T	2,2,4-Trimethylpentane	1.419	1.375	3.1	58	0.01
45 T	t-1,3-Dichloropropene	0.308	0.298	3.2	48	0.02
46 T	cis-1,3-Dichloropropene	0.427	0.415	2.8	52	0.01
47 T	1,1,2-Trichloroethane	0.340	0.345	-1.5	60	0.02
48 T	Dibromochloromethane	0.499	0.546	-9.4	57	0.01

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49 T	Bromoform	0.404	0.456	-12.9	55	0.01
50 T	4-Methyl-2-Pentanone	0.857	0.851	0.7	56	0.01
51 T	2-Hexanone	0.665	0.666	-0.2	55	0.01
52 T	Tetrachloroethene	0.318	0.298	6.3	57	0.02
53 T	Toluene	0.968	0.967	0.1	59	0.02
54 T	1,2-Dibromoethane	0.363	0.441	-21.5	67	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	61	0.01
56	1,1,1,2-Tetrachloroethane	0.409	0.427	-4.4	62	0.01
57 T	Chlorobenzene	0.765	0.736	3.8	60	0.02
58 T	Ethyl Benzene	1.357	1.300	4.2	59	0.01
59 T	m/p-Xylene	1.135	1.081	4.8	60	0.01
60 T	o-Xylene	1.083	1.030	4.9	59	0.01
61 T	Styrene	0.646	0.635	1.7	57	0.02
62	Isopropylbenzene	1.562	1.585	-1.5	64	0.02
63 T	1,1,2,2-Tetrachloroethane	0.362	0.565	-56.1#	95	0.02
64	n-propylbenzene	0.408	0.419	-2.7	63	0.02
65	tert-Butylbenzene	1.366	1.378	-0.9	64	0.02
66 T	Benzyl Chloride	0.117	0.080	31.6#	32	0.02
67	sec-Butylbenzene	1.878	1.941	-3.4	66	0.02
68 S	1-Bromo-4-Fluorobenzene	0.764	0.747	2.2	60	0.02
69	p-Isopropyltoluene	1.547	1.599	-3.4	65	0.01
70	n-Butylbenzene	1.534	1.610	-5.0	66	0.01
71	2-Chlorotoluene	1.184	1.185	-0.1	63	0.01
72 T	4-Ethyltoluene	1.217	1.215	0.2	60	0.02
73 T	1,3,5-Trimethylbenzene	1.114	1.096	1.6	61	0.01
74 T	1,2,4-Trimethylbenzene	1.180	1.156	2.0	61	0.02
75 T	1,3-Dichlorobenzene	0.664	0.661	0.5	60	0.01
76 T	1,4-Dichlorobenzene	0.658	0.639	2.9	58	0.02
77 T	1,2-Dichlorobenzene	0.640	0.639	0.2	61	0.01
78 T	Hexachloro-1,3-Butadiene	0.444	0.439	1.1	66	0.02
79 T	Naphthalene	0.706	0.912	-29.2	72	0.02
80 T	Naphthalene,2-methyl-	0.199	0.255	-28.1	77	0.01
81 T	1,2,4-Trichlorobenzene	0.436	0.475	-8.9	66	0.02

(#) = Out of Range

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