

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121322\
 Data File : VL040005.D
 Acq On : 13 Dec 2022 14:10
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 14 02:35:29 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	74	0.02
2 T	Dichlorodifluoromethane	1.432	1.535	-7.2	106	0.02
3	Chlorodifluoromethane	1.380	1.221	11.5	69	0.02
4	Chloromethane	0.882	0.778	11.8	65	0.01
5 T	Vinyl Chloride	0.689	0.679	1.5	67	0.02
6 T	Bromomethane	0.235	0.234	0.4	72	0.02
7	Chloroethane	0.272	0.251	7.7	69	0.02
8 T	Dichlorotetrafluoroethane	1.635	1.597	2.3	77	0.01
9 T	Propene	0.650	0.557	14.3	64	0.02
10 T	Heptane	1.568	1.367	12.8	65	0.02
11 T	Trichlorofluoromethane	1.747	1.652	5.4	72	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.322	1.244	5.9	72	0.02
13	Ethanol	0.050	0.032#	36.0#	53	0.02
14 T	Bromoethene	0.516	0.494	4.3	69	0.02
15 T	Acetone	1.326	1.144	13.7	67	0.02
16 T	1,3-Butadiene	0.661	0.606	8.3	64	0.02
17	tert-Butyl alcohol	1.525	1.290	15.4	60	0.01
18 T	1,1-Dichloroethene	0.603	0.566	6.1	70	0.02
19 T	Isopropyl Alcohol	0.718	0.592	17.5	58	0.02
20 T	Methylene Chloride	0.643	0.477	25.8	70	0.02
21 T	Allyl Chloride	0.920	0.829	9.9	64	0.02
22 T	trans-1,2-Dichloroethene	0.613	0.605	1.3	72	0.02
23 T	Vinyl Acetate	0.545	0.461	15.4	61	0.01
24 T	1,1-Dichloroethane	1.314	1.204	8.4	69	0.02
25 T	Ethyl Acetate	2.435	2.255	7.4	69	0.02
26 T	Hexane	1.064	0.993	6.7	71	0.02
27 T	Carbon Disulfide	1.343	1.323	1.5	64	0.02
28 T	Methyl tert-Butyl Ether	1.332	1.178	11.6	66	0.02
29 T	Chloroform	1.414	1.652	-16.8	82	0.02
30 T	Cyclohexane	1.044	0.933	10.6	68	0.02
31 T	cis-1,2-Dichloroethene	0.983	0.920	6.4	66	0.02
32 T	1,1,1-Trichloroethane	1.766	1.706	3.4	71	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.02
34 T	2-Butanone	0.478	0.429	10.3	65	0.02
35 T	Carbon Tetrachloride	0.568	0.570	-0.4	72	0.02
36 T	Benzene	0.850	0.765	10.0	69	0.02
37 T	1,2-Dichloroethane	0.466	0.425	8.8	70	0.02
38 T	Trichloroethene	0.475	0.434	8.6	72	0.02
39 T	1,2-Dichloropropane	0.331	0.290	12.4	67	0.02
40 T	1,4-Dioxane	0.132	0.110	16.7	65	0.02
41 T	Tetrahydrofuran	0.330	0.286	13.3	62	0.02
42 T	Bromodichloromethane	0.632	0.614	2.8	70	0.02
43	Methyl Methacrylate	0.333	0.304	8.7	66	0.02
44 T	2,2,4-Trimethylpentane	1.419	1.230	13.3	68	0.02
45 T	t-1,3-Dichloropropene	0.308	0.281	8.8	59	0.02
46 T	cis-1,3-Dichloropropene	0.427	0.381	10.8	62	0.02
47 T	1,1,2-Trichloroethane	0.340	0.307	9.7	70	0.02
48 T	Dibromochloromethane	0.499	0.507	-1.6	69	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.404	0.393	2.7	62	0.02
50 T	4-Methyl-2-Pentanone	0.857	0.745	13.1	65	0.02
51 T	2-Hexanone	0.665	0.579	12.9	63	0.02
52 T	Tetrachloroethene	0.318	0.261	17.9	65	0.02
53 T	Toluene	0.968	0.875	9.6	70	0.02
54 T	1,2-Dibromoethane	0.363	0.357	1.7	71	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.02
56	1,1,1,2-Tetrachloroethane	0.409	0.401	2.0	70	0.02
57 T	Chlorobenzene	0.765	0.717	6.3	70	0.02
58 T	Ethyl Benzene	1.357	1.260	7.1	69	0.02
59 T	m/p-Xylene	1.135	1.045	7.9	69	0.02
60 T	o-Xylene	1.083	1.006	7.1	70	0.02
61 T	Styrene	0.646	0.610	5.6	66	0.02
62	Isopropylbenzene	1.562	1.434	8.2	70	0.02
63 T	1,1,2,2-Tetrachloroethane	0.362	0.343	5.2	69	0.02
64	n-propylbenzene	0.408	0.372	8.8	67	0.03
65	tert-Butylbenzene	1.366	1.226	10.2	69	0.02
66 T	Benzyl Chloride	0.117	0.082	29.9	39	0.02
67	sec-Butylbenzene	1.878	1.696	9.7	69	0.02
68 S	1-Bromo-4-Fluorobenzene	0.764	0.765	-0.1	74	0.02
69	p-Isopropyltoluene	1.547	1.381	10.7	68	0.02
70	n-Butylbenzene	1.534	1.392	9.3	68	0.02
71	2-Chlorotoluene	1.184	1.072	9.5	68	0.02
72 T	4-Ethyltoluene	1.217	1.141	6.2	68	0.02
73 T	1,3,5-Trimethylbenzene	1.114	1.006	9.7	68	0.02
74 T	1,2,4-Trimethylbenzene	1.180	1.062	10.0	67	0.02
75 T	1,3-Dichlorobenzene	0.664	0.587	11.6	64	0.02
76 T	1,4-Dichlorobenzene	0.658	0.579	12.0	63	0.02
77 T	1,2-Dichlorobenzene	0.640	0.559	12.7	64	0.02
78 T	Hexachloro-1,3-Butadiene	0.444	0.319	28.2	58	0.02
79 T	Naphthalene	0.706	0.628	11.0	60	0.02
80 T	Naphthalene,2-methyl-	0.199	0.159	20.1	57	0.02
81 T	1,2,4-Trichlorobenzene	0.436	0.351	19.5	59	0.02

(#) = Out of Range

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