

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090722\
 Data File : VL039614.D
 Acq On : 7 Sep 2022 10:44
 Operator : SY/AP
 Sample : VISTCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 08 05:18:18 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 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	94	0.00
2 T	Dichlorodifluoromethane	1.331	0.846	36.4#	75	0.00
3	Chlorodifluoromethane	1.191	1.176	1.3	105	0.00
4	Chloromethane	0.718	0.742	-3.3	109	0.00
5 T	Vinyl Chloride	0.579	0.636	-9.8	109	0.00
6 T	Bromomethane	0.246	0.255	-3.7	113	0.00
7	Chloroethane	0.217	0.221	-1.8	107	0.00
8 T	Dichlorotetrafluoroethane	1.424	1.279	10.2	92	0.00
9 T	Propene	0.545	0.570	-4.6	113	0.00
10 T	Heptane	1.263	1.396	-10.5	107	0.00
11 T	Trichlorofluoromethane	1.460	1.461	-0.1	105	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.080	1.106	-2.4	109	0.00
13	Ethanol	0.039	0.047#	-20.5	154#	0.00
14 T	Bromoethene	0.441	0.475	-7.7	107	0.00
15 T	Acetone	1.120	1.146	-2.3	110	0.00
16 T	1,3-Butadiene	0.585	0.623	-6.5	108	0.00
17	tert-Butyl alcohol	0.956	1.101	-15.2	117	0.00
18 T	1,1-Dichloroethene	0.487	0.493	-1.2	106	0.00
19 T	Isopropyl Alcohol	0.545	0.662	-21.5	121	0.00
20 T	Methylene Chloride	0.455	0.428	5.9	110	0.00
21 T	Allyl Chloride	0.729	0.783	-7.4	106	0.00
22 T	trans-1,2-Dichloroethene	0.484	0.514	-6.2	112	0.00
23 T	Vinyl Acetate	0.533	0.619	-16.1	113	0.00
24 T	1,1-Dichloroethane	0.986	1.067	-8.2	110	0.00
25 T	Ethyl Acetate	2.397	2.492	-4.0	107	0.00
26 T	Hexane	0.978	1.024	-4.7	109	0.00
27 T	Carbon Disulfide	1.045	1.250	-19.6	112	0.00
28 T	Methyl tert-Butyl Ether	0.844	0.912	-8.1	116	0.00
29 T	Chloroform	1.530	1.560	-2.0	106	0.00
30 T	Cyclohexane	0.810	0.875	-8.0	111	0.00
31 T	cis-1,2-Dichloroethene	0.948	1.009	-6.4	107	0.00
32 T	1,1,1-Trichloroethane	1.346	1.513	-12.4	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.497	0.488	1.8	97	0.00
35 T	Carbon Tetrachloride	0.541	0.607	-12.2	103	0.00
36 T	Benzene	0.762	0.841	-10.4	108	0.00
37 T	1,2-Dichloroethane	0.420	0.440	-4.8	103	0.00
38 T	Trichloroethene	0.408	0.460	-12.7	105	0.00
39 T	1,2-Dichloropropane	0.287	0.317	-10.5	109	0.00
40 T	1,4-Dioxane	0.112	0.109	2.7	95	0.00
41 T	Tetrahydrofuran	0.297	0.351	-18.2	114	0.00
42 T	Bromodichloromethane	0.575	0.645	-12.2	106	0.00
43	Methyl Methacrylate	0.275	0.329	-19.6	106	0.00
44 T	2,2,4-Trimethylpentane	1.285	1.397	-8.7	107	0.00
45 T	t-1,3-Dichloropropene	0.239	0.318	-33.1#	107	0.00
46 T	cis-1,3-Dichloropropene	0.332	0.432	-30.1#	106	0.00
47 T	1,1,2-Trichloroethane	0.327	0.336	-2.8	103	0.00
48 T	Dibromochloromethane	0.482	0.567	-17.6	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.400	0.471	-17.7	100	0.00
50 T	4-Methyl-2-Pentanone	0.775	0.863	-11.4	103	0.00
51 T	2-Hexanone	0.570	0.669	-17.4	102	0.00
52 T	Tetrachloroethene	0.288	0.316	-9.7	107	0.00
53 T	Toluene	0.853	0.975	-14.3	105	0.00
54 T	1,2-Dibromoethane	0.366	0.413	-12.8	103	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
56	1,1,1,2-Tetrachloroethane	0.406	0.413	-1.7	101	0.00
57 T	Chlorobenzene	0.746	0.744	0.3	104	0.00
58 T	Ethyl Benzene	1.149	1.284	-11.7	104	0.00
59 T	m/p-Xylene	1.031	1.079	-4.7	103	0.00
60 T	o-Xylene	0.989	1.028	-3.9	101	0.00
61 T	Styrene	0.527	0.637	-20.9	103	0.00
62	Isopropylbenzene	1.496	1.502	-0.4	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.469	0.414	11.7	99	0.00
64	n-propylbenzene	0.389	0.389	0.0	100	0.00
65	tert-Butylbenzene	1.330	1.309	1.6	99	0.00
66 T	Benzyl Chloride	0.108	0.121	-12.0	93	0.00
67	sec-Butylbenzene	1.884	1.839	2.4	99	0.00
68 S	1-Bromo-4-Fluorobenzene	0.754	0.737	2.3	89	0.00
69	p-Isopropyltoluene	1.564	1.535	1.9	98	0.00
70	n-Butylbenzene	1.556	1.530	1.7	97	0.00
71	2-Chlorotoluene	1.084	1.102	-1.7	99	0.00
72 T	4-Ethyltoluene	1.157	1.235	-6.7	101	0.00
73 T	1,3,5-Trimethylbenzene	1.057	1.084	-2.6	99	0.00
74 T	1,2,4-Trimethylbenzene	1.178	1.153	2.1	99	0.00
75 T	1,3-Dichlorobenzene	0.716	0.692	3.4	98	0.00
76 T	1,4-Dichlorobenzene	0.714	0.691	3.2	99	0.00
77 T	1,2-Dichlorobenzene	0.701	0.662	5.6	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.559	0.543	2.9	109	0.00
79 T	Naphthalene	0.839	1.154	-37.5#	113	0.00
80 T	Naphthalene,2-methyl-	0.340	0.422	-24.1	92	0.00
81 T	1,2,4-Trichlorobenzene	0.560	0.645	-15.2	113	0.00

(#) = Out of Range

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