

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039601.D
 Acq On : 26 Aug 2022 13:13
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 27 00:05:42 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	1.806	-35.7#	161#	0.00
3	Chlorodifluoromethane	1.191	1.138	4.5	101	0.00
4	Chloromethane	0.718	0.683	4.9	100	0.00
5 T	Vinyl Chloride	0.579	0.601	-3.8	103	0.00
6 T	Bromomethane	0.246	0.240	2.4	106	0.00
7	Chloroethane	0.217	0.213	1.8	104	0.00
8 T	Dichlorotetrafluoroethane	1.424	1.424	0.0	103	0.00
9 T	Propene	0.545	0.534	2.0	106	0.00
10 T	Heptane	1.263	1.334	-5.6	102	0.01
11 T	Trichlorofluoromethane	1.460	1.398	4.2	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.080	1.034	4.3	103	0.00
13	Ethanol	0.039	0.034#	12.8	113	0.01
14 T	Bromoethene	0.441	0.437	0.9	99	0.00
15 T	Acetone	1.120	1.035	7.6	100	0.00
16 T	1,3-Butadiene	0.585	0.587	-0.3	102	0.00
17	tert-Butyl alcohol	0.956	0.915	4.3	98	0.00
18 T	1,1-Dichloroethene	0.487	0.473	2.9	102	0.00
19 T	Isopropyl Alcohol	0.545	0.564	-3.5	103	0.00
20 T	Methylene Chloride	0.455	0.413	9.2	107	0.01
21 T	Allyl Chloride	0.729	0.753	-3.3	102	0.00
22 T	trans-1,2-Dichloroethene	0.484	0.486	-0.4	106	0.00
23 T	Vinyl Acetate	0.533	0.529	0.8	97	0.00
24 T	1,1-Dichloroethane	0.986	0.987	-0.1	102	0.00
25 T	Ethyl Acetate	2.397	2.387	0.4	103	0.00
26 T	Hexane	0.978	0.984	-0.6	105	0.01
27 T	Carbon Disulfide	1.045	1.123	-7.5	100	0.00
28 T	Methyl tert-Butyl Ether	0.844	0.775	8.2	99	0.00
29 T	Chloroform	1.530	1.504	1.7	102	0.00
30 T	Cyclohexane	0.810	0.804	0.7	102	0.01
31 T	cis-1,2-Dichloroethene	0.948	0.964	-1.7	103	0.00
32 T	1,1,1-Trichloroethane	1.346	1.418	-5.3	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.01
34 T	2-Butanone	0.497	0.524	-5.4	106	0.00
35 T	Carbon Tetrachloride	0.541	0.583	-7.8	101	0.01
36 T	Benzene	0.762	0.786	-3.1	103	0.01
37 T	1,2-Dichloroethane	0.420	0.422	-0.5	100	0.01
38 T	Trichloroethene	0.408	0.437	-7.1	102	0.00
39 T	1,2-Dichloropropane	0.287	0.295	-2.8	103	0.00
40 T	1,4-Dioxane	0.112	0.112	0.0	99	0.01
41 T	Tetrahydrofuran	0.297	0.318	-7.1	105	0.00
42 T	Bromodichloromethane	0.575	0.613	-6.6	102	0.01
43	Methyl Methacrylate	0.275	0.308	-12.0	101	0.00
44 T	2,2,4-Trimethylpentane	1.285	1.320	-2.7	103	0.00
45 T	t-1,3-Dichloropropene	0.239	0.294	-23.0	100	0.00
46 T	cis-1,3-Dichloropropene	0.332	0.402	-21.1	100	0.00
47 T	1,1,2-Trichloroethane	0.327	0.325	0.6	101	0.00
48 T	Dibromochloromethane	0.482	0.547	-13.5	100	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.400	0.475	-18.7	102	0.00
50 T	4-Methyl-2-Pentanone	0.775	0.847	-9.3	103	0.01
51 T	2-Hexanone	0.570	0.651	-14.2	101	0.01
52 T	Tetrachloroethene	0.288	0.305	-5.9	105	0.00
53 T	Toluene	0.853	0.931	-9.1	102	0.00
54 T	1,2-Dibromoethane	0.366	0.393	-7.4	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.406	0.407	-0.2	100	0.00
57 T	Chlorobenzene	0.746	0.732	1.9	103	0.01
58 T	Ethyl Benzene	1.149	1.240	-7.9	101	0.00
59 T	m/p-Xylene	1.031	1.056	-2.4	101	0.01
60 T	o-Xylene	0.989	1.028	-3.9	102	0.01
61 T	Styrene	0.527	0.628	-19.2	102	0.01
62	Isopropylbenzene	1.496	1.501	-0.3	102	0.00
63 T	1,1,2,2-Tetrachloroethane	0.469	0.431	8.1	104	0.00
64	n-propylbenzene	0.389	0.394	-1.3	102	0.01
65	tert-Butylbenzene	1.330	1.336	-0.5	102	0.01
66 T	Benzyl Chloride	0.108	0.126	-16.7	97	0.00
67	sec-Butylbenzene	1.884	1.865	1.0	101	0.01
68 S	1-Bromo-4-Fluorobenzene	0.754	0.720	4.5	88	0.01
69	p-Isopropyltoluene	1.564	1.570	-0.4	101	0.00
70	n-Butylbenzene	1.556	1.563	-0.4	100	0.00
71	2-Chlorotoluene	1.084	1.117	-3.0	101	0.01
72 T	4-Ethyltoluene	1.157	1.209	-4.5	99	0.00
73 T	1,3,5-Trimethylbenzene	1.057	1.097	-3.8	101	0.01
74 T	1,2,4-Trimethylbenzene	1.178	1.171	0.6	101	0.01
75 T	1,3-Dichlorobenzene	0.716	0.724	-1.1	103	0.01
76 T	1,4-Dichlorobenzene	0.714	0.701	1.8	101	0.01
77 T	1,2-Dichlorobenzene	0.701	0.694	1.0	103	0.01
78 T	Hexachloro-1,3-Butadiene	0.559	0.500	10.6	101	0.00
79 T	Naphthalene	0.839	1.012	-20.6	99	0.01
80 T	Naphthalene,2-methyl-	0.340	0.450	-32.4#	99	0.01
81 T	1,2,4-Trichlorobenzene	0.560	0.567	-1.2	100	0.01

(#) = Out of Range

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