

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039543.D
 Acq On : 17 Aug 2022 8:10
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL081722

Quant Time: Aug 17 12:07:00 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 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	106	0.00
2 T	Dichlorodifluoromethane	1.344	1.040	22.6	104	0.00
3	Chlorodifluoromethane	1.199	1.039	13.3	104	0.00
4	Chloromethane	0.717	0.634	11.6	104	0.00
5 T	Vinyl Chloride	0.618	0.547	11.5	105	0.00
6 T	Bromomethane	0.253	0.212	16.2	103	0.00
7	Chloroethane	0.220	0.196	10.9	103	0.00
8 T	Dichlorotetrafluoroethane	1.443	1.314	8.9	106	0.00
9 T	Propene	0.546	0.507	7.1	112	0.00
10 T	Heptane	1.268	1.204	5.0	104	0.00
11 T	Trichlorofluoromethane	1.476	1.258	14.8	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.091	0.945	13.4	105	0.00
13	Ethanol	0.039	0.035#	10.3	131	0.00
14 T	Bromoethene	0.446	0.401	10.1	101	0.00
15 T	Acetone	1.130	0.948	16.1	102	0.00
16 T	1,3-Butadiene	0.587	0.528	10.1	103	0.00
17	tert-Butyl alcohol	0.965	0.931	3.5	111	0.00
18 T	1,1-Dichloroethene	0.492	0.429	12.8	104	0.00
19 T	Isopropyl Alcohol	0.552	0.530	4.0	107	0.00
20 T	Methylene Chloride	0.460	0.370	19.6	107	0.00
21 T	Allyl Chloride	0.734	0.685	6.7	104	0.00
22 T	trans-1,2-Dichloroethene	0.489	0.439	10.2	107	0.00
23 T	Vinyl Acetate	0.568	0.449	21.0	93	0.00
24 T	1,1-Dichloroethane	1.000	0.887	11.3	103	0.00
25 T	Ethyl Acetate	2.409	2.178	9.6	105	0.00
26 T	Hexane	0.988	0.894	9.5	106	0.00
27 T	Carbon Disulfide	1.054	0.999	5.2	100	0.00
28 T	Methyl tert-Butyl Ether	0.869	0.787	9.4	113	0.00
29 T	Chloroform	1.546	1.345	13.0	102	0.00
30 T	Cyclohexane	0.820	0.760	7.3	106	0.00
31 T	cis-1,2-Dichloroethene	0.955	0.879	8.0	105	0.00
32 T	1,1,1-Trichloroethane	1.450	1.306	9.9	103	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
34 T	2-Butanone	0.503	0.436	13.3	97	0.00
35 T	Carbon Tetrachloride	0.563	0.522	7.3	99	0.00
36 T	Benzene	0.762	0.736	3.4	106	0.00
37 T	1,2-Dichloroethane	0.423	0.392	7.3	102	0.00
38 T	Trichloroethene	0.414	0.402	2.9	103	0.00
39 T	1,2-Dichloropropane	0.286	0.278	2.8	107	0.00
40 T	1,4-Dioxane	0.113	0.107	5.3	104	0.00
41 T	Tetrahydrofuran	0.296	0.297	-0.3	108	0.00
42 T	Bromodichloromethane	0.579	0.554	4.3	101	0.00
43	Methyl Methacrylate	0.276	0.284	-2.9	103	0.00
44 T	2,2,4-Trimethylpentane	1.284	1.224	4.7	105	0.00
45 T	t-1,3-Dichloropropene	0.243	0.281	-15.6	105	0.00
46 T	cis-1,3-Dichloropropene	0.334	0.374	-12.0	102	0.00
47 T	1,1,2-Trichloroethane	0.327	0.295	9.8	101	0.00
48 T	Dibromochloromethane	0.487	0.487	0.0	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.403	0.405	-0.5	96	0.00
50 T	4-Methyl-2-Pentanone	0.774	0.755	2.5	101	0.00
51 T	2-Hexanone	0.570	0.589	-3.3	100	0.00
52 T	Tetrachloroethene	0.299	0.269	10.0	102	0.00
53 T	Toluene	0.854	0.862	-0.9	104	0.00
54 T	1,2-Dibromoethane	0.373	0.357	4.3	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.412	0.363	11.9	97	0.00
57 T	Chlorobenzene	0.752	0.655	12.9	101	0.00
58 T	Ethyl Benzene	1.158	1.131	2.3	100	0.00
59 T	m/p-Xylene	1.041	0.958	8.0	100	0.00
60 T	o-Xylene	0.998	0.914	8.4	98	0.00
61 T	Styrene	0.533	0.554	-3.9	98	0.00
62	Isopropylbenzene	1.511	1.330	12.0	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.502	0.373	25.7	98	0.00
64	n-propylbenzene	0.394	0.344	12.7	97	0.00
65	tert-Butylbenzene	1.347	1.165	13.5	97	0.00
66 T	Benzyl Chloride	0.116	0.110	5.2	89	0.00
67	sec-Butylbenzene	1.902	1.637	13.9	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.753	0.761	-1.1	101	0.00
69	p-Isopropyltoluene	1.585	1.370	13.6	96	0.00
70	n-Butylbenzene	1.573	1.363	13.4	95	0.00
71	2-Chlorotoluene	1.095	0.975	11.0	96	0.00
72 T	4-Ethyltoluene	1.173	1.075	8.4	96	0.00
73 T	1,3,5-Trimethylbenzene	1.071	0.951	11.2	95	0.00
74 T	1,2,4-Trimethylbenzene	1.194	1.017	14.8	95	0.00
75 T	1,3-Dichlorobenzene	0.725	0.612	15.6	95	0.00
76 T	1,4-Dichlorobenzene	0.727	0.599	17.6	92	0.00
77 T	1,2-Dichlorobenzene	0.711	0.583	18.0	94	0.00
78 T	Hexachloro-1,3-Butadiene	0.565	0.483	14.5	106	0.00
79 T	Naphthalene	0.850	1.015	-19.4	109	0.00
80 T	Naphthalene,2-methyl-	0.336	0.355	-5.7	86	0.00
81 T	1,2,4-Trichlorobenzene	0.567	0.566	0.2	109	0.00

(#) = Out of Range

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