

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039767.D
 Acq On : 24 Oct 2022 20:19
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102422

Quant Time: Oct 24 20:53:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 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	93	0.00
2 T	Dichlorodifluoromethane	1.047	1.152	-10.0	134	0.00
3	Chlorodifluoromethane	1.201	1.195	0.5	96	0.00
4	Chloromethane	0.752	0.740	1.6	95	0.00
5 T	Vinyl Chloride	0.624	0.634	-1.6	97	0.00
6 T	Bromomethane	0.224	0.221	1.3	94	0.00
7	Chloroethane	0.224	0.227	-1.3	95	0.00
8 T	Dichlorotetrafluoroethane	1.367	1.466	-7.2	107	0.00
9 T	Propene	0.516	0.528	-2.3	95	0.00
10 T	Heptane	1.236	1.379	-11.6	95	0.00
11 T	Trichlorofluoromethane	1.463	1.504	-2.8	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.135	1.150	-1.3	94	0.00
13	Ethanol	0.037	0.032#	13.5	81	0.00
14 T	Bromoethene	0.450	0.468	-4.0	97	0.00
15 T	Acetone	1.194	1.085	9.1	93	0.00
16 T	1,3-Butadiene	0.590	0.614	-4.1	97	0.00
17	tert-Butyl alcohol	0.974	0.990	-1.6	86	0.00
18 T	1,1-Dichloroethene	0.499	0.507	-1.6	95	0.00
19 T	Isopropyl Alcohol	0.560	0.596	-6.4	90	0.00
20 T	Methylene Chloride	0.454	0.450	0.9	101	0.00
21 T	Allyl Chloride	0.773	0.778	-0.6	94	0.00
22 T	trans-1,2-Dichloroethene	0.519	0.520	-0.2	93	0.00
23 T	Vinyl Acetate	0.460	0.422	8.3	90	0.00
24 T	1,1-Dichloroethane	1.072	1.046	2.4	92	0.00
25 T	Ethyl Acetate	2.335	2.454	-5.1	95	0.00
26 T	Hexane	0.971	1.010	-4.0	93	0.00
27 T	Carbon Disulfide	1.153	1.254	-8.8	93	0.00
28 T	Methyl tert-Butyl Ether	0.845	0.820	3.0	86	0.00
29 T	Chloroform	1.526	1.532	-0.4	95	0.00
30 T	Cyclohexane	0.796	0.831	-4.4	92	0.00
31 T	cis-1,2-Dichloroethene	0.937	0.976	-4.2	96	0.00
32 T	1,1,1-Trichloroethane	1.385	1.466	-5.8	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.470	0.482	-2.6	95	0.00
35 T	Carbon Tetrachloride	0.570	0.614	-7.7	96	0.00
36 T	Benzene	0.770	0.811	-5.3	94	0.00
37 T	1,2-Dichloroethane	0.418	0.444	-6.2	97	0.00
38 T	Trichloroethene	0.435	0.471	-8.3	95	0.00
39 T	1,2-Dichloropropane	0.297	0.303	-2.0	93	0.00
40 T	1,4-Dioxane	0.101	0.127	-25.7	115	0.00
41 T	Tetrahydrofuran	0.292	0.325	-11.3	91	0.00
42 T	Bromodichloromethane	0.589	0.638	-8.3	95	0.00
43	Methyl Methacrylate	0.268	0.314	-17.2	92	0.00
44 T	2,2,4-Trimethylpentane	1.288	1.375	-6.8	95	0.00
45 T	t-1,3-Dichloropropene	0.228	0.284	-24.6	90	0.00
46 T	cis-1,3-Dichloropropene	0.327	0.399	-22.0	92	0.00
47 T	1,1,2-Trichloroethane	0.318	0.330	-3.8	94	0.00
48 T	Dibromochloromethane	0.511	0.551	-7.8	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.417	0.441	-5.8	87	0.00
50 T	4-Methyl-2-Pentanone	0.738	0.875	-18.6	96	0.00
51 T	2-Hexanone	0.540	0.675	-25.0	98	0.00
52 T	Tetrachloroethene	0.288	0.302	-4.9	93	0.00
53 T	Toluene	0.807	0.949	-17.6	94	0.00
54 T	1,2-Dibromoethane	0.322	0.369	-14.6	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
56	1,1,1,2-Tetrachloroethane	0.423	0.403	4.7	92	0.00
57 T	Chlorobenzene	0.767	0.718	6.4	93	0.00
58 T	Ethyl Benzene	1.139	1.234	-8.3	93	0.00
59 T	m/p-Xylene	1.028	1.056	-2.7	93	0.00
60 T	o-Xylene	0.964	1.004	-4.1	93	0.00
61 T	Styrene	0.506	0.590	-16.6	91	0.00
62	Isopropylbenzene	1.473	1.445	1.9	91	0.00
63 T	1,1,2,2-Tetrachloroethane	0.406	0.344	15.3	91	0.00
64	n-propylbenzene	0.373	0.370	0.8	93	0.00
65	tert-Butylbenzene	1.284	1.246	3.0	91	0.00
66 T	Benzyl Chloride	0.091	0.078	14.3	74	0.00
67	sec-Butylbenzene	1.808	1.740	3.8	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.711	0.692	2.7	94	0.00
69	p-Isopropyltoluene	1.463	1.430	2.3	90	0.00
70	n-Butylbenzene	1.398	1.410	-0.9	92	0.00
71	2-Chlorotoluene	1.023	1.029	-0.6	90	0.00
72 T	4-Ethyltoluene	1.111	1.141	-2.7	91	0.00
73 T	1,3,5-Trimethylbenzene	0.994	1.011	-1.7	89	0.00
74 T	1,2,4-Trimethylbenzene	1.126	1.077	4.4	91	0.00
75 T	1,3-Dichlorobenzene	0.683	0.645	5.6	90	0.00
76 T	1,4-Dichlorobenzene	0.652	0.601	7.8	87	0.00
77 T	1,2-Dichlorobenzene	0.651	0.614	5.7	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.496	0.438	11.7	98	0.00
79 T	Naphthalene	0.688	0.888	-29.1	103	0.00
80 T	Naphthalene,2-methyl-	0.234	0.233	0.4	83	0.00
81 T	1,2,4-Trichlorobenzene	0.455	0.497	-9.2	102	0.00

(#) = Out of Range

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