

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
 Data File : VL038562.D
 Acq On : 8 Mar 2022 21:12
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL030822

Quant Time: Mar 08 21:52:18 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 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	96	0.00
2 T	Dichlorodifluoromethane	1.510	1.392	7.8	97	0.00
3	Chlorodifluoromethane	1.763	1.605	9.0	96	0.00
4	Chloromethane	0.654	0.609	6.9	96	0.00
5 T	Vinyl Chloride	0.656	0.617	5.9	101	0.00
6 T	Bromomethane	0.352	0.341	3.1	100	0.00
7	Chloroethane	0.212	0.207	2.4	102	0.00
8 T	Dichlorotetrafluoroethane	1.464	1.393	4.8	99	0.00
9 T	Propene	0.622	0.575	7.6	95	0.00
10 T	Heptane	1.488	1.468	1.3	96	0.00
11 T	Trichlorofluoromethane	1.324	1.270	4.1	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.030	0.950	7.8	96	0.00
13	Ethanol	0.071	0.051	28.2	85	0.00
14 T	Bromoethene	0.439	0.432	1.6	96	0.00
15 T	Acetone	0.705	0.628	10.9	96	0.00
16 T	1,3-Butadiene	0.567	0.552	2.6	98	0.00
17	tert-Butyl alcohol	0.766	0.705	8.0	92	0.00
18 T	1,1-Dichloroethene	0.461	0.439	4.8	98	0.00
19 T	Isopropyl Alcohol	0.471	0.416	11.7	93	0.00
20 T	Methylene Chloride	0.424	0.357	15.8	96	0.00
21 T	Allyl Chloride	0.680	0.648	4.7	95	0.00
22 T	trans-1,2-Dichloroethene	0.483	0.465	3.7	96	0.00
23 T	Vinyl Acetate	1.011	1.015	-0.4	96	0.00
24 T	1,1-Dichloroethane	0.920	0.868	5.7	97	0.00
25 T	Ethyl Acetate	2.375	2.309	2.8	97	0.00
26 T	Hexane	1.116	1.082	3.0	98	0.00
27 T	Carbon Disulfide	1.111	1.127	-1.4	97	0.00
28 T	Methyl tert-Butyl Ether	0.908	0.850	6.4	92	0.00
29 T	Chloroform	1.736	1.645	5.2	97	0.00
30 T	Cyclohexane	0.965	0.911	5.6	96	0.00
31 T	cis-1,2-Dichloroethene	1.067	1.026	3.8	96	0.00
32 T	1,1,1-Trichloroethane	1.684	1.548	8.1	95	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
34 T	2-Butanone	0.259	0.272	-5.0	99	0.00
35 T	Carbon Tetrachloride	0.682	0.626	8.2	96	0.00
36 T	Benzene	0.902	0.861	4.5	96	0.00
37 T	1,2-Dichloroethane	0.431	0.412	4.4	93	0.00
38 T	Trichloroethene	0.360	0.333	7.5	98	0.00
39 T	1,2-Dichloropropane	0.347	0.332	4.3	96	0.00
40 T	1,4-Dioxane	0.087	0.081	6.9	94	0.00
41 T	Tetrahydrofuran	0.212	0.206	2.8	91	0.00
42 T	Bromodichloromethane	0.684	0.662	3.2	96	0.00
43	Methyl Methacrylate	0.310	0.316	-1.9	96	0.00
44 T	2,2,4-Trimethylpentane	1.526	1.434	6.0	98	0.00
45 T	t-1,3-Dichloropropene	0.223	0.247	-10.8	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.305	0.323	-5.9	96	0.00
47 T	1,1,2-Trichloroethane	0.354	0.346	2.3	98	0.00
48 T	Dibromochloromethane	0.562	0.579	-3.0	98	0.00
49 T	Bromoform	0.430	0.461	-7.2	99	0.00
50 T	4-Methyl-2-Pentanone	0.531	0.528	0.6	93	0.00
51 T	2-Hexanone	0.225	0.234	-4.0	93	0.00
52 T	Tetrachloroethene	0.331	0.303	8.5	97	0.00
53 T	Toluene	0.963	0.974	-1.1	98	0.00
54 T	1,2-Dibromoethane	0.505	0.491	2.8	97	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
56	1,1,1,2-Tetrachloroethane	0.407	0.393	3.4	101	0.00
57 T	Chlorobenzene	0.763	0.727	4.7	100	0.00
58 T	Ethyl Benzene	1.295	1.277	1.4	98	0.00
59 T	m/p-Xylene	1.108	1.068	3.6	100	-0.01
60 T	o-Xylene	1.047	1.004	4.1	100	0.00
61 T	Styrene	0.516	0.562	-8.9	100	0.00
62	Isopropylbenzene	1.444	1.388	3.9	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.884	0.765	13.5	102	0.00
64	n-propylbenzene	0.368	0.380	-3.3	103	0.00
65	tert-Butylbenzene	1.292	1.255	2.9	102	0.00
66 T	Benzyl Chloride	0.077	0.091	-18.2	112	0.00
67	sec-Butylbenzene	1.836	1.816	1.1	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.760	0.774	-1.8	97	0.00
69	p-Isopropyltoluene	1.521	1.532	-0.7	101	0.00
70	n-Butylbenzene	1.620	1.646	-1.6	101	0.00
71	2-Chlorotoluene	1.072	1.056	1.5	100	0.00
72 T	4-Ethyltoluene	1.202	1.258	-4.7	105	0.00
73 T	1,3,5-Trimethylbenzene	1.116	1.105	1.0	102	0.00
74 T	1,2,4-Trimethylbenzene	1.192	1.161	2.6	101	0.00
75 T	1,3-Dichlorobenzene	0.752	0.762	-1.3	103	0.00
76 T	1,4-Dichlorobenzene	0.745	0.731	1.9	101	0.00
77 T	1,2-Dichlorobenzene	0.761	0.768	-0.9	104	0.00
78 T	Hexachloro-1,3-Butadiene	0.742	0.678	8.6	101	0.00
79 T	Naphthalene	1.073	1.335	-24.4	101	0.00
80 T	Naphthalene,2-methyl-	0.189	0.253	-33.9#	102	0.00
81 T	1,2,4-Trichlorobenzene	0.685	0.738	-7.7	100	0.00

(#) = Out of Range

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