

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050522\
 Data File : VL038964.D
 Acq On : 5 May 2022 7:51
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL050522

Quant Time: May 05 10:14:54 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 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	99	0.00
2 T	Dichlorodifluoromethane	1.567	1.381	11.9	94	0.00
3	Chlorodifluoromethane	1.241	1.139	8.2	98	0.00
4	Chloromethane	0.621	0.585	5.8	99	0.00
5 T	Vinyl Chloride	0.567	0.546	3.7	96	0.00
6 T	Bromomethane	0.268	0.275	-2.6	101	0.00
7	Chloroethane	0.190	0.179	5.8	95	0.00
8 T	Dichlorotetrafluoroethane	1.420	1.349	5.0	100	0.00
9 T	Propene	0.542	0.518	4.4	107	0.00
10 T	Heptane	1.329	1.293	2.7	100	0.00
11 T	Trichlorofluoromethane	1.344	1.245	7.4	98	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.926	0.887	4.2	98	0.00
13	Ethanol	0.038	0.031#	18.4	99	0.00
14 T	Bromoethene	0.382	0.386	-1.0	100	0.00
15 T	Acetone	0.943	0.882	6.5	100	0.00
16 T	1,3-Butadiene	0.542	0.513	5.4	98	0.00
17	tert-Butyl alcohol	0.725	0.797	-9.9	113	0.00
18 T	1,1-Dichloroethene	0.399	0.402	-0.8	104	0.00
19 T	Isopropyl Alcohol	0.449	0.500	-11.4	111	0.00
20 T	Methylene Chloride	0.356	0.327	8.1	101	0.00
21 T	Allyl Chloride	0.643	0.634	1.4	99	0.00
22 T	trans-1,2-Dichloroethene	0.431	0.421	2.3	100	0.00
23 T	Vinyl Acetate	0.746	0.779	-4.4	103	0.00
24 T	1,1-Dichloroethane	0.859	0.824	4.1	100	0.00
25 T	Ethyl Acetate	2.258	2.251	0.3	101	0.00
26 T	Hexane	1.003	0.958	4.5	101	0.00
27 T	Carbon Disulfide	0.953	1.014	-6.4	100	0.00
28 T	Methyl tert-Butyl Ether	0.763	0.768	-0.7	101	0.00
29 T	Chloroform	1.623	1.552	4.4	97	0.00
30 T	Cyclohexane	0.840	0.817	2.7	102	0.00
31 T	cis-1,2-Dichloroethene	1.022	1.006	1.6	99	0.00
32 T	1,1,1-Trichloroethane	1.623	1.568	3.4	97	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
34 T	2-Butanone	0.510	0.432	15.3	86	0.00
35 T	Carbon Tetrachloride	0.659	0.653	0.9	97	0.00
36 T	Benzene	0.856	0.815	4.8	100	0.00
37 T	1,2-Dichloroethane	0.529	0.515	2.6	98	0.00
38 T	Trichloroethene	0.380	0.346	8.9	98	0.00
39 T	1,2-Dichloropropane	0.333	0.322	3.3	99	0.00
40 T	1,4-Dioxane	0.120	0.092	23.3	79	0.00
41 T	Tetrahydrofuran	0.343	0.335	2.3	99	0.00
42 T	Bromodichloromethane	0.724	0.712	1.7	98	0.00
43	Methyl Methacrylate	0.347	0.349	-0.6	101	0.00
44 T	2,2,4-Trimethylpentane	1.502	1.385	7.8	99	0.00
45 T	t-1,3-Dichloropropene	0.336	0.399	-18.8	100	0.00
46 T	cis-1,3-Dichloropropene	0.446	0.481	-7.8	100	0.00
47 T	1,1,2-Trichloroethane	0.346	0.327	5.5	98	0.00
48 T	Dibromochloromethane	0.564	0.565	-0.2	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.446	-3.7	96	0.00
50 T	4-Methyl-2-Pentanone	0.895	0.871	2.7	99	0.00
51 T	2-Hexanone	0.653	0.694	-6.3	98	0.00
52 T	Tetrachloroethene	0.306	0.276	9.8	99	0.00
53 T	Toluene	0.959	0.935	2.5	100	0.00
54 T	1,2-Dibromoethane	0.471	0.463	1.7	97	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
56	1,1,1,2-Tetrachloroethane	0.439	0.436	0.7	98	0.00
57 T	Chlorobenzene	0.750	0.738	1.6	99	0.00
58 T	Ethyl Benzene	1.439	1.392	3.3	98	0.00
59 T	m/p-Xylene	1.229	1.185	3.6	98	0.00
60 T	o-Xylene	1.156	1.113	3.7	98	0.00
61 T	Styrene	0.617	0.657	-6.5	100	0.00
62	Isopropylbenzene	1.691	1.624	4.0	99	0.00
63 T	1,1,2,2-Tetrachloroethane	0.681	0.638	6.3	98	0.00
64	n-propylbenzene	0.409	0.406	0.7	98	0.00
65	tert-Butylbenzene	1.482	1.372	7.4	97	0.00
66 T	Benzyl Chloride	0.194	0.247	-27.3	91	0.00
67	sec-Butylbenzene	2.117	1.989	6.0	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.792	0.834	-5.3	100	0.00
69	p-Isopropyltoluene	1.710	1.645	3.8	98	0.00
70	n-Butylbenzene	1.817	1.785	1.8	98	0.00
71	2-Chlorotoluene	1.304	1.228	5.8	96	0.00
72 T	4-Ethyltoluene	1.318	1.335	-1.3	100	0.00
73 T	1,3,5-Trimethylbenzene	1.186	1.178	0.7	97	0.00
74 T	1,2,4-Trimethylbenzene	1.299	1.251	3.7	97	0.00
75 T	1,3-Dichlorobenzene	0.712	0.703	1.3	98	0.00
76 T	1,4-Dichlorobenzene	0.700	0.691	1.3	97	0.00
77 T	1,2-Dichlorobenzene	0.704	0.683	3.0	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.647	0.556	14.1	98	0.00
79 T	Naphthalene	1.055	1.210	-14.7	101	0.00
80 T	Naphthalene,2-methyl-	0.319	0.431	-35.1#	112	0.00
81 T	1,2,4-Trichlorobenzene	0.618	0.629	-1.8	100	0.00

(#) = Out of Range

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