

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL030420\
 Data File : VL034783.D
 Acq On : 4 Mar 2020 5:54
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL030420

Quant Time: Mar 04 06:48:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
 QLast Update : Wed Mar 04 06:36:39 2020
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	97	0.00
2 T	Dichlorodifluoromethane	1.632	1.257	23.0	100	0.00
3	Chlorodifluoromethane	1.139	1.004	11.9	95	0.00
4	Chloromethane	0.614	0.561	8.6	97	0.00
5 T	Vinyl Chloride	0.648	0.560	13.6	99	0.00
6 T	Bromomethane	0.354	0.327	7.6	98	0.00
7	Chloroethane	0.224	0.216	3.6	102	0.00
8 T	Dichlorotetrafluoroethane	1.418	1.269	10.5	99	0.00
9 T	Propene	0.448	0.430	4.0	96	0.00
10 T	Heptane	1.140	1.131	0.8	94	0.00
11 T	Trichlorofluoromethane	1.460	1.302	10.8	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.008	0.888	11.9	99	0.00
13	Ethanol	0.154	0.118	23.4	90	0.00
14 T	Bromoethene	0.413	0.397	3.9	97	0.00
15 T	Acetone	1.197	1.033	13.7	100	0.00
16 T	1,3-Butadiene	0.542	0.522	3.7	97	0.00
17	tert-Butyl alcohol	0.944	0.914	3.2	90	0.00
18 T	1,1-Dichloroethene	0.444	0.417	6.1	100	0.00
19 T	Isopropyl Alcohol	0.717	0.725	-1.1	92	0.00
20 T	Methylene Chloride	0.427	0.372	12.9	102	0.00
21 T	Allyl Chloride	0.758	0.733	3.3	100	0.00
22 T	trans-1,2-Dichloroethene	0.434	0.416	4.1	104	0.00
23 T	Vinyl Acetate	1.606	1.636	-1.9	98	0.00
24 T	1,1-Dichloroethane	1.246	1.169	6.2	99	0.00
25 T	Ethyl Acetate	2.069	1.974	4.6	97	0.00
26 T	Hexane	0.904	0.874	3.3	96	0.00
27 T	Carbon Disulfide	1.056	1.090	-3.2	103	0.00
28 T	Methyl tert-Butyl Ether	1.346	1.297	3.6	96	0.00
29 T	Chloroform	1.522	1.389	8.7	98	0.00
30 T	Cyclohexane	0.692	0.722	-4.3	96	0.00
31 T	cis-1,2-Dichloroethene	0.927	0.908	2.0	95	0.00
32 T	1,1,1-Trichloroethane	1.504	1.328	11.7	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
34 T	2-Butanone	0.651	0.624	4.1	96	0.00
35 T	Carbon Tetrachloride	0.755	0.664	12.1	98	0.00
36 T	Benzene	0.855	0.827	3.3	97	0.00
37 T	1,2-Dichloroethane	0.584	0.546	6.5	98	0.00
38 T	Trichloroethene	0.333	0.307	7.8	95	0.00
39 T	1,2-Dichloropropane	0.345	0.328	4.9	96	0.00
40 T	1,4-Dioxane	0.119	0.129	-8.4	102	0.00
41 T	Tetrahydrofuran	0.332	0.345	-3.9	98	0.00
42 T	Bromodichloromethane	0.739	0.719	2.7	96	0.00
43	Methyl Methacrylate	0.362	0.377	-4.1	95	0.00
44 T	2,2,4-Trimethylpentane	1.493	1.437	3.8	96	-0.01
45 T	t-1,3-Dichloropropene	0.380	0.454	-19.5	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.464	0.529	-14.0	99	0.00
47 T	1,1,2-Trichloroethane	0.364	0.342	6.0	96	0.00
48 T	Dibromochloromethane	0.569	0.580	-1.9	96	0.00
49 T	Bromoform	0.497	0.509	-2.4	95	0.00
50 T	4-Methyl-2-Pentanone	0.932	0.935	-0.3	97	0.00
51 T	2-Hexanone	0.731	0.779	-6.6	97	-0.01
52 T	Tetrachloroethene	0.316	0.289	8.5	96	0.00
53 T	Toluene	0.904	0.942	-4.2	96	0.00
54 T	1,2-Dibromoethane	0.538	0.526	2.2	96	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.443	0.398	10.2	91	0.00
57 T	Chlorobenzene	0.764	0.684	10.5	95	0.00
58 T	Ethyl Benzene	1.232	1.242	-0.8	94	-0.01
59 T	m/p-Xylene	1.067	1.025	3.9	96	0.00
60 T	o-Xylene	1.079	1.015	5.9	95	-0.02
61 T	Styrene	0.670	0.721	-7.6	94	0.00
62	Isopropylbenzene	1.589	1.418	10.8	91	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.851	0.729	14.3	94	0.00
64	n-propylbenzene	0.398	0.371	6.8	90	-0.01
65	tert-Butylbenzene	1.342	1.230	8.3	90	-0.01
66 T	Benzyl Chloride	0.434	0.595	-37.1#	108	0.00
67	sec-Butylbenzene	1.956	1.775	9.3	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.834	0.825	1.1	96	-0.01
69	p-Isopropyltoluene	1.583	1.457	8.0	89	0.00
70	n-Butylbenzene	1.731	1.586	8.4	89	0.00
71	2-Chlorotoluene	1.200	1.128	6.0	90	-0.01
72 T	4-Ethyltoluene	1.202	1.143	4.9	90	0.00
73 T	1,3,5-Trimethylbenzene	1.153	1.111	3.6	92	-0.01
74 T	1,2,4-Trimethylbenzene	1.253	1.161	7.3	93	0.00
75 T	1,3-Dichlorobenzene	0.742	0.662	10.8	93	0.00
76 T	1,4-Dichlorobenzene	0.710	0.662	6.8	92	0.00
77 T	1,2-Dichlorobenzene	0.710	0.642	9.6	92	-0.01
78 T	Hexachloro-1,3-Butadiene	0.592	0.510	13.9	95	0.00
79 T	Naphthalene	0.942	1.109	-17.7	92	-0.02
80 T	Naphthalene,2-methyl-	0.225	0.251	-11.6	76	-0.01
81 T	1,2,4-Trichlorobenzene	0.595	0.597	-0.3	86	-0.01

(#) = Out of Range

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