

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL081720\
 Data File : VL035427.D
 Acq On : 17 Aug 2020 19:49
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081720

Quant Time: Aug 17 20:36:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
 QLast Update : Mon Aug 17 19:28:30 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	102	0.00
2 T	Dichlorodifluoromethane	1.853	1.517	18.1	98	0.00
3	Chlorodifluoromethane	1.254	1.131	9.8	104	0.00
4	Chloromethane	0.653	0.596	8.7	103	0.00
5 T	Vinyl Chloride	0.781	0.728	6.8	105	0.00
6 T	Bromomethane	0.683	0.646	5.4	105	0.00
7	Chloroethane	0.288	0.269	6.6	105	0.00
8 T	Dichlorotetrafluoroethane	2.373	2.081	12.3	103	0.00
9 T	Propene	0.504	0.455	9.7	105	0.00
10 T	Heptane	1.321	1.211	8.3	103	0.00
11 T	Trichlorofluoromethane	2.908	2.547	12.4	102	0.00
12 T	1,1,2-Trichlorotrifluoroeth	2.167	1.927	11.1	102	0.00
13	Ethanol	0.185	0.108	41.6#	93	0.00
14 T	Bromoethene	0.958	0.913	4.7	105	0.00
15 T	Acetone	1.151	0.921	20.0	103	0.00
16 T	1,3-Butadiene	0.467	0.436	6.6	104	0.00
17	tert-Butyl alcohol	1.488	1.478	0.7	107	0.00
18 T	1,1-Dichloroethene	0.957	0.899	6.1	103	0.00
19 T	Isopropyl Alcohol	0.793	0.728	8.2	101	0.00
20 T	Methylene Chloride	0.929	0.710	23.6	99	0.00
21 T	Allyl Chloride	0.585	0.583	0.3	106	0.00
22 T	trans-1,2-Dichloroethene	1.021	0.945	7.4	102	0.00
23 T	Vinyl Acetate	1.645	1.575	4.3	102	0.00
24 T	1,1-Dichloroethane	1.642	1.501	8.6	104	0.00
25 T	Ethyl Acetate	2.240	1.961	12.5	103	0.00
26 T	Hexane	1.264	1.113	11.9	103	0.00
27 T	Carbon Disulfide	1.827	1.883	-3.1	105	0.00
28 T	Methyl tert-Butyl Ether	2.309	2.206	4.5	106	0.00
29 T	Chloroform	2.540	2.320	8.7	104	0.00
30 T	Cyclohexane	1.402	1.353	3.5	105	0.01
31 T	cis-1,2-Dichloroethene	1.329	1.256	5.5	105	0.00
32 T	1,1,1-Trichloroethane	2.380	2.407	-1.1	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
34 T	2-Butanone	0.334	0.293	12.3	102	0.00
35 T	Carbon Tetrachloride	0.532	0.542	-1.9	105	0.00
36 T	Benzene	0.734	0.649	11.6	104	0.00
37 T	1,2-Dichloroethane	0.335	0.300	10.4	105	0.00
38 T	Trichloroethene	0.408	0.364	10.8	105	0.00
39 T	1,2-Dichloropropane	0.242	0.216	10.7	104	0.00
40 T	1,4-Dioxane	0.132	0.114	13.6	100	0.02
41 T	Tetrahydrofuran	0.184	0.171	7.1	103	0.00
42 T	Bromodichloromethane	0.561	0.533	5.0	105	0.00
43	Methyl Methacrylate	0.287	0.269	6.3	104	0.00
44 T	2,2,4-Trimethylpentane	0.958	0.816	14.8	104	0.00
45 T	t-1,3-Dichloropropene	0.296	0.316	-6.8	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.368	0.369	-0.3	104	0.01
47 T	1,1,2-Trichloroethane	0.361	0.324	10.2	105	0.00
48 T	Dibromochloromethane	0.606	0.593	2.1	103	0.01
49 T	Bromoform	0.584	0.595	-1.9	103	0.01
50 T	4-Methyl-2-Pentanone	0.479	0.430	10.2	103	0.01
51 T	2-Hexanone	0.404	0.369	8.7	103	0.00
52 T	Tetrachloroethene	0.448	0.393	12.3	105	0.00
53 T	Toluene	0.945	0.836	11.5	104	0.00
54 T	1,2-Dibromoethane	0.587	0.525	10.6	104	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.474	0.449	5.3	104	0.00
57 T	Chlorobenzene	0.835	0.719	13.9	104	0.00
58 T	Ethyl Benzene	1.207	1.070	11.4	104	0.00
59 T	m/p-Xylene	1.020	0.896	12.2	104	0.00
60 T	o-Xylene	0.992	0.868	12.5	104	0.01
61 T	Styrene	0.801	0.752	6.1	104	0.00
62	Isopropylbenzene	1.625	1.366	15.9	104	0.00
63 T	1,1,2,2-Tetrachloroethane	0.712	0.604	15.2	104	0.00
64	n-propylbenzene	0.501	0.460	8.2	106	0.01
65	tert-Butylbenzene	1.580	1.334	15.6	104	0.01
66 T	Benzyl Chloride	0.380	0.461	-21.3	103	0.00
67	sec-Butylbenzene	2.079	1.687	18.9	104	0.00
68 S	1-Bromo-4-Fluorobenzene	0.700	0.705	-0.7	102	0.00
69	p-Isopropyltoluene	1.845	1.542	16.4	105	0.01
70	n-Butylbenzene	1.742	1.459	16.2	105	0.00
71	2-Chlorotoluene	1.179	1.045	11.4	105	0.01
72 T	4-Ethyltoluene	1.302	1.153	11.4	105	0.01
73 T	1,3,5-Trimethylbenzene	1.211	1.073	11.4	105	0.00
74 T	1,2,4-Trimethylbenzene	1.316	1.114	15.3	105	0.00
75 T	1,3-Dichlorobenzene	1.016	0.870	14.4	106	0.01
76 T	1,4-Dichlorobenzene	1.002	0.882	12.0	106	0.01
77 T	1,2-Dichlorobenzene	0.995	0.866	13.0	106	0.00
78 T	Hexachloro-1,3-Butadiene	0.787	0.652	17.2	104	0.01
79 T	Naphthalene	1.853	1.596	13.9	104	0.00
80 T	Naphthalene,2-methyl-	0.766	0.794	-3.7	104	0.00
81 T	1,2,4-Trichlorobenzene	1.117	0.975	12.7	105	0.01

(#) = Out of Range

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