

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL072920\
 Data File : VL035262.D
 Acq On : 30 Jul 2020 1:31
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 30 05:07:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	89	0.00
2 T	Dichlorodifluoromethane	1.194	1.155	3.3	98	0.00
3	Chlorodifluoromethane	1.107	0.999	9.8	93	0.00
4	Chloromethane	0.623	0.574	7.9	94	0.00
5 T	Vinyl Chloride	0.649	0.583	10.2	92	0.00
6 T	Bromomethane	0.401	0.365	9.0	92	0.00
7	Chloroethane	0.234	0.218	6.8	90	0.00
8 T	Dichlorotetrafluoroethane	1.515	1.376	9.2	93	0.00
9 T	Propene	0.386	0.378	2.1	91	0.00
10 T	Heptane	1.044	1.137	-8.9	92	0.00
11 T	Trichlorofluoromethane	1.606	1.470	8.5	92	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.139	1.022	10.3	90	0.00
13	Ethanol	0.157	0.096	38.9#	87	0.00
14 T	Bromoethene	0.465	0.444	4.5	92	0.00
15 T	Acetone	1.334	1.105	17.2	93	0.00
16 T	1,3-Butadiene	0.520	0.521	-0.2	93	0.00
17	tert-Butyl alcohol	1.287	1.209	6.1	93	0.00
18 T	1,1-Dichloroethene	0.506	0.472	6.7	90	0.00
19 T	Isopropyl Alcohol	0.880	0.783	11.0	92	0.00
20 T	Methylene Chloride	0.607	0.440	27.5	93	0.00
21 T	Allyl Chloride	0.760	0.739	2.8	90	0.00
22 T	trans-1,2-Dichloroethene	0.486	0.462	4.9	91	0.00
23 T	Vinyl Acetate	1.340	1.367	-2.0	91	0.00
24 T	1,1-Dichloroethane	1.250	1.178	5.8	92	0.00
25 T	Ethyl Acetate	2.083	2.021	3.0	93	0.00
26 T	Hexane	0.940	0.898	4.5	91	0.00
27 T	Carbon Disulfide	1.270	1.227	3.4	90	0.00
28 T	Methyl tert-Butyl Ether	1.343	1.380	-2.8	92	0.00
29 T	Chloroform	1.576	1.449	8.1	91	0.00
30 T	Cyclohexane	0.672	0.756	-12.5	92	0.00
31 T	cis-1,2-Dichloroethene	0.819	0.859	-4.9	91	0.00
32 T	1,1,1-Trichloroethane	1.613	1.437	10.9	91	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.509	0.495	2.8	90	0.00
35 T	Carbon Tetrachloride	0.670	0.629	6.1	91	0.00
36 T	Benzene	0.695	0.727	-4.6	92	0.00
37 T	1,2-Dichloroethane	0.486	0.472	2.9	92	0.00
38 T	Trichloroethene	0.288	0.310	-7.6	92	0.00
39 T	1,2-Dichloropropane	0.277	0.288	-4.0	91	0.00
40 T	1,4-Dioxane	0.109	0.121	-11.0	92	0.00
41 T	Tetrahydrofuran	0.249	0.268	-7.6	90	0.00
42 T	Bromodichloromethane	0.648	0.650	-0.3	90	0.00
43	Methyl Methacrylate	0.301	0.341	-13.3	91	0.00
44 T	2,2,4-Trimethylpentane	1.225	1.295	-5.7	93	0.00
45 T	t-1,3-Dichloropropene	0.303	0.370	-22.1	89	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.370	0.436	-17.8	89	0.00
47 T	1,1,2-Trichloroethane	0.328	0.325	0.9	91	0.00
48 T	Dibromochloromethane	0.516	0.548	-6.2	90	0.00
49 T	Bromoform	0.464	0.501	-8.0	90	0.00
50 T	4-Methyl-2-Pentanone	0.737	0.792	-7.5	90	0.00
51 T	2-Hexanone	0.559	0.641	-14.7	89	0.00
52 T	Tetrachloroethene	0.265	0.279	-5.3	92	0.00
53 T	Toluene	0.739	0.864	-16.9	91	0.00
54 T	1,2-Dibromoethane	0.474	0.489	-3.2	91	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
56	1,1,1,2-Tetrachloroethane	0.460	0.432	6.1	91	0.00
57 T	Chlorobenzene	0.752	0.710	5.6	91	0.00
58 T	Ethyl Benzene	1.059	1.198	-13.1	91	0.00
59 T	m/p-Xylene	0.986	1.017	-3.1	90	0.00
60 T	o-Xylene	0.984	1.039	-5.6	92	0.00
61 T	Styrene	0.597	0.720	-20.6	91	0.00
62	Isopropylbenzene	1.464	1.520	-3.8	92	0.00
63 T	1,1,2,2-Tetrachloroethane	0.846	0.760	10.2	91	0.00
64	n-propylbenzene	0.389	0.415	-6.7	93	0.00
65	tert-Butylbenzene	1.326	1.363	-2.8	92	0.00
66 T	Benzyl Chloride	0.520	0.529	-1.7	85	0.00
67	sec-Butylbenzene	1.938	1.946	-0.4	92	0.00
68 S	1-Bromo-4-Fluorobenzene	0.799	0.779	2.5	89	0.00
69	p-Isopropyltoluene	1.581	1.627	-2.9	91	0.00
70	n-Butylbenzene	1.710	1.706	0.2	91	0.00
71	2-Chlorotoluene	1.104	1.176	-6.5	91	0.00
72 T	4-Ethyltoluene	1.107	1.238	-11.8	92	0.00
73 T	1,3,5-Trimethylbenzene	1.080	1.150	-6.5	91	0.00
74 T	1,2,4-Trimethylbenzene	1.257	1.225	2.5	91	0.00
75 T	1,3-Dichlorobenzene	0.812	0.716	11.8	90	0.00
76 T	1,4-Dichlorobenzene	0.734	0.712	3.0	89	0.00
77 T	1,2-Dichlorobenzene	0.727	0.688	5.4	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.595	0.455	23.5	84	0.00
79 T	Naphthalene	1.000	0.970	3.0	80	0.00
80 T	Naphthalene,2-methyl-	0.323	0.274	15.2	63	0.00
81 T	1,2,4-Trichlorobenzene	0.608	0.556	8.6	82	0.00

(#) = Out of Range

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