

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035369.D
 Acq On : 7 Aug 2020 5:03
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 07 09:00:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
 QLast Update : Wed Aug 05 13:04:46 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	91	0.00
2 T	Dichlorodifluoromethane	1.330	1.317	1.0	107	0.00
3	Chlorodifluoromethane	1.142	1.012	11.4	92	0.00
4	Chloromethane	0.646	0.601	7.0	96	0.00
5 T	Vinyl Chloride	0.665	0.590	11.3	94	0.00
6 T	Bromomethane	0.407	0.387	4.9	95	0.00
7	Chloroethane	0.247	0.227	8.1	94	0.00
8 T	Dichlorotetrafluoroethane	1.572	1.449	7.8	95	0.00
9 T	Propene	0.407	0.401	1.5	94	0.00
10 T	Heptane	1.039	1.161	-11.7	94	0.00
11 T	Trichlorofluoromethane	1.723	1.567	9.1	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.232	1.111	9.8	95	0.00
13	Ethanol	0.140	0.102	27.1	96	-0.01
14 T	Bromoethene	0.494	0.467	5.5	92	0.00
15 T	Acetone	1.420	1.367	3.7	112	0.00
16 T	1,3-Butadiene	0.547	0.471	13.9	82	0.00
17	tert-Butyl alcohol	1.303	0.131	89.9#	10#	0.00
18 T	1,1-Dichloroethene	0.529	0.496	6.2	92	0.00
19 T	Isopropyl Alcohol	0.900	0.732	18.7	90	0.00
20 T	Methylene Chloride	0.579	0.453	21.8	94	0.00
21 T	Allyl Chloride	0.814	0.826	-1.5	98	0.00
22 T	trans-1,2-Dichloroethene	0.513	0.483	5.8	92	0.00
23 T	Vinyl Acetate	1.362	1.451	-6.5	95	0.00
24 T	1,1-Dichloroethane	1.280	1.208	5.6	94	0.00
25 T	Ethyl Acetate	2.158	2.065	4.3	93	0.00
26 T	Hexane	0.936	0.927	1.0	94	-0.01
27 T	Carbon Disulfide	1.309	1.311	-0.2	94	0.00
28 T	Methyl tert-Butyl Ether	1.361	1.246	8.4	82	0.00
29 T	Chloroform	1.614	1.520	5.8	95	0.00
30 T	Cyclohexane	0.710	0.774	-9.0	93	-0.01
31 T	cis-1,2-Dichloroethene	0.832	0.901	-8.3	94	0.00
32 T	1,1,1-Trichloroethane	1.696	1.510	11.0	95	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	-0.01
34 T	2-Butanone	0.492	0.518	-5.3	95	0.00
35 T	Carbon Tetrachloride	0.688	0.648	5.8	95	-0.01
36 T	Benzene	0.675	0.734	-8.7	94	0.00
37 T	1,2-Dichloroethane	0.472	0.474	-0.4	96	0.00
38 T	Trichloroethene	0.311	0.321	-3.2	93	0.00
39 T	1,2-Dichloropropane	0.273	0.278	-1.8	93	0.00
40 T	1,4-Dioxane	0.117	0.110	6.0	85	0.00
41 T	Tetrahydrofuran	0.242	0.266	-9.9	91	0.00
42 T	Bromodichloromethane	0.634	0.653	-3.0	94	0.00
43	Methyl Methacrylate	0.284	0.317	-11.6	90	0.00
44 T	2,2,4-Trimethylpentane	1.200	1.272	-6.0	94	0.00
45 T	t-1,3-Dichloropropene	0.295	0.387	-31.2#	97	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.356	0.461	-29.5	98	0.00
47 T	1,1,2-Trichloroethane	0.329	0.328	0.3	94	0.00
48 T	Dibromochloromethane	0.538	0.570	-5.9	94	0.00
49 T	Bromoform	0.491	0.537	-9.4	94	0.00
50 T	4-Methyl-2-Pentanone	0.752	0.789	-4.9	92	0.00
51 T	2-Hexanone	0.589	0.660	-12.1	94	0.00
52 T	Tetrachloroethene	0.268	0.288	-7.5	96	0.00
53 T	Toluene	0.735	0.886	-20.5	94	0.00
54 T	1,2-Dibromoethane	0.472	0.499	-5.7	95	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	-0.01
56	1,1,1,2-Tetrachloroethane	0.472	0.439	7.0	91	-0.01
57 T	Chlorobenzene	0.753	0.742	1.5	96	0.00
58 T	Ethyl Benzene	1.041	1.221	-17.3	95	0.00
59 T	m/p-Xylene	0.969	1.033	-6.6	94	-0.01
60 T	o-Xylene	0.962	1.050	-9.1	95	0.00
61 T	Styrene	0.587	0.616	-4.9	78	0.00
62	Isopropylbenzene	1.448	1.499	-3.5	91	0.00
63 T	1,1,2,2-Tetrachloroethane	0.820	0.764	6.8	94	0.00
64	n-propylbenzene	0.389	0.409	-5.1	91	0.00
65	tert-Butylbenzene	1.326	1.373	-3.5	91	0.00
66 T	Benzyl Chloride	0.525	0.583	-11.0	94	0.00
67	sec-Butylbenzene	1.875	1.898	-1.2	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.834	0.827	0.8	90	0.00
69	p-Isopropyltoluene	1.529	1.596	-4.4	89	0.00
70	n-Butylbenzene	1.635	1.645	-0.6	89	0.00
71	2-Chlorotoluene	1.061	1.157	-9.0	90	0.00
72 T	4-Ethyltoluene	1.096	1.248	-13.9	93	0.00
73 T	1,3,5-Trimethylbenzene	1.052	1.175	-11.7	93	0.00
74 T	1,2,4-Trimethylbenzene	1.202	1.258	-4.7	94	-0.01
75 T	1,3-Dichlorobenzene	0.786	0.751	4.5	93	0.00
76 T	1,4-Dichlorobenzene	0.728	0.742	-1.9	93	0.00
77 T	1,2-Dichlorobenzene	0.726	0.718	1.1	92	-0.01
78 T	Hexachloro-1,3-Butadiene	0.618	0.600	2.9	99	0.00
79 T	Naphthalene	0.925	1.184	-28.0	93	0.00
80 T	Naphthalene,2-methyl-	0.210	0.504	-140.0#	110	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.671	-15.1	94	0.00

(#) = Out of Range

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