

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091620\
 Data File : VL035627.D
 Acq On : 16 Sep 2020 12:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 17 07:15:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 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	114	0.00
2 T	Dichlorodifluoromethane	1.733	1.592	8.1	122	0.00
3	Chlorodifluoromethane	1.106	1.002	9.4	108	0.00
4	Chloromethane	0.593	0.526	11.3	104	0.00
5 T	Vinyl Chloride	0.731	0.636	13.0	108	0.00
6 T	Bromomethane	0.614	0.562	8.5	107	0.00
7	Chloroethane	0.258	0.244	5.4	110	0.00
8 T	Dichlorotetrafluoroethane	2.099	1.851	11.8	108	0.00
9 T	Propene	0.426	0.381	10.6	106	0.00
10 T	Heptane	1.145	1.075	6.1	108	0.00
11 T	Trichlorofluoromethane	2.527	2.176	13.9	105	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.907	1.665	12.7	105	0.00
13	Ethanol	0.106	0.091	14.2	107	0.00
14 T	Bromoethene	0.821	0.766	6.7	107	0.00
15 T	Acetone	1.103	0.839	23.9	97	0.00
16 T	1,3-Butadiene	0.411	0.387	5.8	108	0.00
17	tert-Butyl alcohol	1.342	1.294	3.6	109	0.00
18 T	1,1-Dichloroethene	0.840	0.775	7.7	106	0.00
19 T	Isopropyl Alcohol	0.658	0.623	5.3	105	0.00
20 T	Methylene Chloride	0.821	0.637	22.4	110	0.00
21 T	Allyl Chloride	0.517	0.537	-3.9	112	0.00
22 T	trans-1,2-Dichloroethene	0.894	0.820	8.3	107	0.00
23 T	Vinyl Acetate	1.416	1.369	3.3	107	0.00
24 T	1,1-Dichloroethane	1.457	1.352	7.2	110	0.00
25 T	Ethyl Acetate	1.948	1.765	9.4	109	0.00
26 T	Hexane	1.104	1.001	9.3	109	0.00
27 T	Carbon Disulfide	1.584	1.695	-7.0	111	0.00
28 T	Methyl tert-Butyl Ether	1.924	1.850	3.8	108	0.00
29 T	Chloroform	2.249	2.062	8.3	109	0.00
30 T	Cyclohexane	1.183	1.147	3.0	106	0.00
31 T	cis-1,2-Dichloroethene	1.133	1.099	3.0	110	0.00
32 T	1,1,1-Trichloroethane	2.182	2.053	5.9	108	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
34 T	2-Butanone	0.297	0.297	0.0	108	0.00
35 T	Carbon Tetrachloride	0.503	0.513	-2.0	106	0.00
36 T	Benzene	0.647	0.635	1.9	107	0.00
37 T	1,2-Dichloroethane	0.309	0.308	0.3	111	0.00
38 T	Trichloroethene	0.376	0.324	13.8	102	0.00
39 T	1,2-Dichloropropane	0.219	0.214	2.3	108	0.00
40 T	1,4-Dioxane	0.109	0.116	-6.4	107	0.00
41 T	Tetrahydrofuran	0.157	0.168	-7.0	109	0.00
42 T	Bromodichloromethane	0.499	0.527	-5.6	109	0.00
43	Methyl Methacrylate	0.250	0.265	-6.0	107	0.00
44 T	2,2,4-Trimethylpentane	0.852	0.820	3.8	108	0.00
45 T	t-1,3-Dichloropropene	0.254	0.305	-20.1	108	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091620\
 Data File : VL035627.D
 Acq On : 16 Sep 2020 12:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 17 07:15:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 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)
46 T	cis-1,3-Dichloropropene	0.315	0.361	-14.6	108	0.00
47 T	1,1,2-Trichloroethane	0.323	0.311	3.7	106	0.00
48 T	Dibromochloromethane	0.508	0.533	-4.9	102	0.00
49 T	Bromoform	0.460	0.486	-5.7	97	0.00
50 T	4-Methyl-2-Pentanone	0.430	0.435	-1.2	107	0.00
51 T	2-Hexanone	0.353	0.362	-2.5	102	0.00
52 T	Tetrachloroethene	0.378	0.320	15.3	96	0.00
53 T	Toluene	0.814	0.800	1.7	105	0.00
54 T	1,2-Dibromoethane	0.510	0.498	2.4	105	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	0.407	0.397	2.5	102	0.00
57 T	Chlorobenzene	0.736	0.646	12.2	102	0.00
58 T	Ethyl Benzene	1.031	0.995	3.5	104	0.00
59 T	m/p-Xylene	0.862	0.843	2.2	110	0.00
60 T	o-Xylene	0.868	0.823	5.2	105	0.00
61 T	Styrene	0.664	0.663	0.2	101	0.00
62	Isopropylbenzene	1.394	1.246	10.6	102	0.00
63 T	1,1,2,2-Tetrachloroethane	0.673	0.592	12.0	107	0.00
64	n-propylbenzene	0.425	0.390	8.2	99	0.00
65	tert-Butylbenzene	1.296	1.166	10.0	100	0.00
66 T	Benzyl Chloride	0.322	0.403	-25.2	99	0.00
67	sec-Butylbenzene	1.727	1.529	11.5	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.710	0.704	0.8	107	0.00
69	p-Isopropyltoluene	1.514	1.312	13.3	98	0.00
70	n-Butylbenzene	1.459	1.272	12.8	98	0.00
71	2-Chlorotoluene	1.015	0.954	6.0	103	0.00
72 T	4-Ethyltoluene	1.103	1.021	7.4	100	0.00
73 T	1,3,5-Trimethylbenzene	1.020	0.949	7.0	101	0.00
74 T	1,2,4-Trimethylbenzene	1.121	0.983	12.3	100	0.00
75 T	1,3-Dichlorobenzene	0.830	0.677	18.4	93	0.00
76 T	1,4-Dichlorobenzene	0.819	0.687	16.1	94	0.00
77 T	1,2-Dichlorobenzene	0.804	0.668	16.9	94	0.00
78 T	Hexachloro-1,3-Butadiene	0.513	0.379	26.1	84	0.00
79 T	Naphthalene	1.243	1.042	16.2	86	0.00
80 T	Naphthalene,2-methyl-	0.424	0.306	27.8	62	0.00
81 T	1,2,4-Trichlorobenzene	0.745	0.568	23.8	82	0.00

(#) = Out of Range

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