

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL082018\
 Data File : VL032420.D
 Acq On : 21 Aug 2018 12:30
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 28 14:03:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 28 13:07:12 2018
 QLast Update : Tue Aug 28 13:07:12 2018
 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	75	0.00
2 T	Dichlorodifluoromethane	1.019	0.950	6.8	90	0.00
3	Chlorodifluoromethane	0.926	0.949	-2.5	82	0.00
4	Chloromethane	0.551	0.593	-7.6	86	0.00
5 T	Vinyl Chloride	0.526	0.566	-7.6	87	0.00
6 T	Bromomethane	0.282	0.315	-11.7	87	0.00
7	Chloroethane	0.184	0.203	-10.3	88	0.00
8 T	Dichlorotetrafluoroethane	1.130	1.174	-3.9	87	0.00
9 T	Propene	0.396	0.458	-15.7	83	0.00
10 T	Heptane	1.194	1.402	-17.4	87	0.00
11 T	Trichlorofluoromethane	1.118	1.130	-1.1	85	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.753	0.847	-12.5	92	0.00
13	Ethanol	0.102	0.105	-2.9	79	0.00
14 T	Bromoethene	0.326	0.353	-8.3	85	0.00
15 T	Acetone	0.950	0.871	8.3	83	0.00
16 T	1,3-Butadiene	0.392	0.515	-31.4#	105	0.00
17	tert-Butyl alcohol	0.159	0.425	-167.3#	219#	0.00
18 T	1,1-Dichloroethene	0.351	0.373	-6.3	84	0.00
19 T	Isopropyl Alcohol	0.640	0.708	-10.6	87	0.00
20 T	Methylene Chloride	0.359	0.355	1.1	90	0.00
21 T	Allyl Chloride	0.600	0.713	-18.8	89	0.00
22 T	trans-1,2-Dichloroethene	0.354	0.358	-1.1	73	0.00
23 T	Vinyl Acetate	1.641	1.672	-1.9	72	0.00
24 T	1,1-Dichloroethane	1.185	1.147	3.2	72	0.00
25 T	Ethyl Acetate	2.036	2.281	-12.0	86	0.00
26 T	Hexane	0.908	1.065	-17.3	87	0.00
27 T	Carbon Disulfide	0.847	1.087	-28.3	92	0.00
28 T	Methyl tert-Butyl Ether	1.205	1.393	-15.6	78	0.00
29 T	Chloroform	1.330	1.527	-14.8	87	0.00
30 T	Cyclohexane	0.691	0.787	-13.9	82	0.00
31 T	cis-1,2-Dichloroethene	0.888	0.984	-10.8	80	0.00
32 T	1,1,1-Trichloroethane	1.295	1.412	-9.0	84	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
34 T	2-Butanone	0.681	0.727	-6.8	76	0.00
35 T	Carbon Tetrachloride	0.590	0.687	-16.4	80	0.00
36 T	Benzene	0.848	1.055	-24.4	85	0.00
37 T	1,2-Dichloroethane	0.514	0.558	-8.6	80	0.00
38 T	Trichloroethene	0.297	0.354	-19.2	85	0.00
39 T	1,2-Dichloropropane	0.354	0.424	-19.8	82	0.00
40 T	1,4-Dioxane	0.108	0.128	-18.5	74	0.00
41 T	Tetrahydrofuran	0.365	0.471	-29.0	85	0.00
42 T	Bromodichloromethane	0.673	0.809	-20.2	83	0.00
43	Methyl Methacrylate	0.338	0.424	-25.4	81	0.00
44 T	2,2,4-Trimethylpentane	1.529	1.838	-20.2	84	0.00
45 T	t-1,3-Dichloropropene	0.427	0.591	-38.4#	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL082018\
 Data File : VL032420.D
 Acq On : 21 Aug 2018 12:30
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 28 14:03:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 28 13:07:12 2018
 QLast Update : Tue Aug 28 13:07:12 2018
 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	0.512	0.701	-36.9#	91	0.00
47 T	1,1,2-Trichloroethane	0.390	0.437	-12.1	82	0.00
48 T	Dibromochloromethane	0.521	0.612	-17.5	79	0.00
49 T	Bromoform	0.433	0.502	-15.9	78	-0.01
50 T	4-Methyl-2-Pentanone	0.983	1.191	-21.2	89	0.00
51 T	2-Hexanone	0.690	0.803	-16.4	68	0.00
52 T	Tetrachloroethene	0.250	0.292	-16.8	80	0.00
53 T	Toluene	0.929	1.208	-30.0#	81	0.00
54 T	1,2-Dibromoethane	0.501	0.571	-14.0	79	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
56	1,1,1,2-Tetrachloroethane	0.414	0.418	-1.0	81	0.00
57 T	Chlorobenzene	0.753	0.752	0.1	81	0.00
58 T	Ethyl Benzene	1.203	1.412	-17.4	83	0.00
59 T	m/p-Xylene	1.022	1.170	-14.5	86	0.00
60 T	o-Xylene	1.005	1.109	-10.3	83	0.00
61 T	Styrene	0.702	0.866	-23.4	82	0.00
62	Isopropylbenzene	1.430	1.529	-6.9	81	0.00
63 T	1,1,2,2-Tetrachloroethane	0.845	0.801	5.2	80	0.00
64	n-propylbenzene	0.370	0.397	-7.3	79	0.00
65	tert-Butylbenzene	1.221	1.252	-2.5	79	0.00
66 T	Benzyl Chloride	0.723	0.838	-15.9	75	0.00
67	sec-Butylbenzene	1.816	1.864	-2.6	78	0.00
68 S	1-Bromo-4-Fluorobenzene	0.763	0.729	4.5	72	0.00
69	p-Isopropyltoluene	1.390	1.517	-9.1	81	0.00
70	n-Butylbenzene	1.524	1.609	-5.6	78	0.00
71	2-Chlorotoluene	1.107	1.174	-6.1	77	0.00
72 T	4-Ethyltoluene	1.120	1.263	-12.8	79	0.00
73 T	1,3,5-Trimethylbenzene	1.078	1.183	-9.7	79	0.00
74 T	1,2,4-Trimethylbenzene	1.147	1.169	-1.9	78	0.00
75 T	1,3-Dichlorobenzene	0.689	0.644	6.5	75	0.00
76 T	1,4-Dichlorobenzene	0.653	0.644	1.4	74	0.00
77 T	1,2-Dichlorobenzene	0.658	0.641	2.6	76	0.00
78 T	Hexachloro-1,3-Butadiene	0.221	0.374	-69.2#	146	0.00
79 T	Naphthalene	0.837	1.086	-29.7	74	0.00
80 T	Naphthalene,2-methyl-	0.229	0.502	-119.2#	78	0.00
81 T	1,2,4-Trichlorobenzene	0.443	0.493	-11.3	69	-0.01

(#) = Out of Range

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