

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL112519\
 Data File : VL034419.D
 Acq On : 25 Nov 2019 23:35
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 26 04:35:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 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	84	0.00
2 T	Dichlorodifluoromethane	1.809	2.054	-13.5	99	0.00
3	Chlorodifluoromethane	1.248	1.230	1.4	93	0.00
4	Chloromethane	0.736	0.739	-0.4	96	0.00
5 T	Vinyl Chloride	0.690	0.670	2.9	92	0.00
6 T	Bromomethane	0.347	0.361	-4.0	93	0.00
7	Chloroethane	0.250	0.252	-0.8	94	0.00
8 T	Dichlorotetrafluoroethane	1.625	1.565	3.7	92	0.00
9 T	Propene	0.554	0.529	4.5	90	0.00
10 T	Heptane	1.430	1.459	-2.0	94	0.00
11 T	Trichlorofluoromethane	1.800	1.769	1.7	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.196	1.181	1.3	95	0.00
13	Ethanol	0.154	0.110	28.6	79	0.00
14 T	Bromoethene	0.486	0.489	-0.6	91	0.00
15 T	Acetone	1.432	1.432	0.0	104	0.00
16 T	1,3-Butadiene	0.624	0.628	-0.6	91	0.00
17	tert-Butyl alcohol	1.204	1.032	14.3	76	0.00
18 T	1,1-Dichloroethene	0.523	0.534	-2.1	95	0.00
19 T	Isopropyl Alcohol	0.918	0.821	10.6	75	0.00
20 T	Methylene Chloride	0.508	0.453	10.8	90	0.00
21 T	Allyl Chloride	0.858	0.894	-4.2	93	0.00
22 T	trans-1,2-Dichloroethene	0.527	0.540	-2.5	93	0.00
23 T	Vinyl Acetate	1.871	2.028	-8.4	98	0.00
24 T	1,1-Dichloroethane	1.437	1.422	1.0	93	0.00
25 T	Ethyl Acetate	2.555	2.527	1.1	94	0.00
26 T	Hexane	1.098	1.071	2.5	93	0.00
27 T	Carbon Disulfide	1.196	1.344	-12.4	91	0.00
28 T	Methyl tert-Butyl Ether	1.821	1.784	2.0	88	0.00
29 T	Chloroform	1.778	1.747	1.7	91	0.00
30 T	Cyclohexane	0.830	0.857	-3.3	90	0.00
31 T	cis-1,2-Dichloroethene	1.135	1.167	-2.8	91	0.00
32 T	1,1,1-Trichloroethane	1.667	1.745	-4.7	91	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
34 T	2-Butanone	0.823	0.849	-3.2	94	0.00
35 T	Carbon Tetrachloride	0.860	0.929	-8.0	93	0.00
36 T	Benzene	1.000	1.024	-2.4	91	0.00
37 T	1,2-Dichloroethane	0.743	0.761	-2.4	92	0.00
38 T	Trichloroethene	0.410	0.409	0.2	91	0.00
39 T	1,2-Dichloropropane	0.385	0.430	-11.7	91	0.00
40 T	1,4-Dioxane	0.168	0.152	9.5	84	0.00
41 T	Tetrahydrofuran	0.462	0.479	-3.7	92	0.00
42 T	Bromodichloromethane	0.929	0.966	-4.0	90	0.00
43	Methyl Methacrylate	0.415	0.442	-6.5	92	0.00
44 T	2,2,4-Trimethylpentane	1.827	1.845	-1.0	93	0.00
45 T	t-1,3-Dichloropropene	0.532	0.608	-14.3	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL112519\
 Data File : VL034419.D
 Acq On : 25 Nov 2019 23:35
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 26 04:35:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 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	0.597	0.669	-12.1	89	0.00
47 T	1,1,2-Trichloroethane	0.428	0.431	-0.7	89	0.00
48 T	Dibromochloromethane	0.736	0.787	-6.9	88	0.00
49 T	Bromoform	0.657	0.695	-5.8	86	0.00
50 T	4-Methyl-2-Pentanone	1.191	1.254	-5.3	94	0.00
51 T	2-Hexanone	0.998	1.060	-6.2	94	0.00
52 T	Tetrachloroethene	0.433	0.388	10.4	89	0.00
53 T	Toluene	1.135	1.191	-4.9	90	0.00
54 T	1,2-Dibromoethane	0.657	0.654	0.5	88	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
56	1,1,1,2-Tetrachloroethane	0.489	0.483	1.2	89	0.00
57 T	Chlorobenzene	0.904	0.838	7.3	89	0.00
58 T	Ethyl Benzene	1.552	1.518	2.2	90	0.00
59 T	m/p-Xylene	1.341	1.261	6.0	88	0.00
60 T	o-Xylene	1.326	1.255	5.4	89	0.00
61 T	Styrene	0.956	0.922	3.6	87	0.00
62	Isopropylbenzene	1.754	1.633	6.9	88	0.00
63 T	1,1,2,2-Tetrachloroethane	0.997	0.857	14.0	87	0.00
64	n-propylbenzene	0.456	0.426	6.6	88	0.00
65	tert-Butylbenzene	1.576	1.437	8.8	88	0.00
66 T	Benzyl Chloride	0.606	0.660	-8.9	83	0.00
67	sec-Butylbenzene	2.204	1.992	9.6	88	0.00
68 S	1-Bromo-4-Fluorobenzene	0.841	0.812	3.4	81	0.00
69	p-Isopropyltoluene	1.829	1.674	8.5	89	0.00
70	n-Butylbenzene	1.968	1.806	8.2	90	0.00
71	2-Chlorotoluene	1.399	1.279	8.6	87	0.00
72 T	4-Ethyltoluene	1.533	1.427	6.9	88	0.00
73 T	1,3,5-Trimethylbenzene	1.500	1.368	8.8	87	0.00
74 T	1,2,4-Trimethylbenzene	1.593	1.415	11.2	88	0.00
75 T	1,3-Dichlorobenzene	0.916	0.804	12.2	88	0.00
76 T	1,4-Dichlorobenzene	0.889	0.803	9.7	88	0.00
77 T	1,2-Dichlorobenzene	0.885	0.785	11.3	88	0.00
78 T	Hexachloro-1,3-Butadiene	0.760	0.821	-8.0	110	0.00
79 T	Naphthalene	1.381	1.528	-10.6	107	0.00
80 T	Naphthalene,2-methyl-	0.624	0.757	-21.3	95	0.00
81 T	1,2,4-Trichlorobenzene	0.849	0.890	-4.8	104	0.00

(#) = Out of Range

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