

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL100219\
 Data File : VL034221.D
 Acq On : 2 Oct 2019 21:46
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 04 02:40:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019
 QLast Update : Wed Sep 18 12:53:31 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	67	0.00
2 T	Dichlorodifluoromethane	1.477	1.831	-24.0	100	0.00
3	Chlorodifluoromethane	1.173	1.189	-1.4	73	0.00
4	Chloromethane	0.689	0.724	-5.1	74	0.00
5 T	Vinyl Chloride	0.630	0.661	-4.9	77	0.00
6 T	Bromomethane	0.294	0.336	-14.3	80	0.00
7	Chloroethane	0.220	0.242	-10.0	77	0.00
8 T	Dichlorotetrafluoroethane	1.304	1.409	-8.1	80	0.00
9 T	Propene	0.578	0.640	-10.7	78	0.00
10 T	Heptane	1.508	1.643	-9.0	76	0.00
11 T	Trichlorofluoromethane	1.345	1.477	-9.8	80	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.880	1.016	-15.5	83	0.00
13	Ethanol	0.140	0.117	16.4	86	0.00
14 T	Bromoethene	0.360	0.430	-19.4	81	0.00
15 T	Acetone	1.340	1.226	8.5	77	0.00
16 T	1,3-Butadiene	0.585	0.648	-10.8	77	0.00
17	tert-Butyl alcohol	0.849	0.906	-6.7	75	0.00
18 T	1,1-Dichloroethene	0.384	0.461	-20.1	82	0.00
19 T	Isopropyl Alcohol	0.824	0.784	4.9	76	0.00
20 T	Methylene Chloride	0.386	0.415	-7.5	83	0.00
21 T	Allyl Chloride	0.757	0.875	-15.6	78	0.00
22 T	trans-1,2-Dichloroethene	0.384	0.471	-22.7	84	0.00
23 T	Vinyl Acetate	1.975	2.131	-7.9	76	0.00
24 T	1,1-Dichloroethane	1.330	1.405	-5.6	77	0.00
25 T	Ethyl Acetate	2.534	2.666	-5.2	79	0.00
26 T	Hexane	1.054	1.136	-7.8	79	0.00
27 T	Carbon Disulfide	0.972	1.214	-24.9	80	0.00
28 T	Methyl tert-Butyl Ether	1.566	1.806	-15.3	81	0.00
29 T	Chloroform	1.507	1.643	-9.0	77	0.00
30 T	Cyclohexane	0.761	0.883	-16.0	80	0.00
31 T	cis-1,2-Dichloroethene	1.075	1.199	-11.5	76	0.00
32 T	1,1,1-Trichloroethane	1.453	1.550	-6.7	76	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
34 T	2-Butanone	1.021	0.958	6.2	75	0.00
35 T	Carbon Tetrachloride	0.831	0.780	6.1	74	0.00
36 T	Benzene	1.104	1.129	-2.3	81	0.00
37 T	1,2-Dichloroethane	0.786	0.721	8.3	72	0.00
38 T	Trichloroethene	0.395	0.375	5.1	80	0.00
39 T	1,2-Dichloropropane	0.496	0.483	2.6	77	0.00
40 T	1,4-Dioxane	0.161	0.160	0.6	88	0.00
41 T	Tetrahydrofuran	0.575	0.582	-1.2	76	0.00
42 T	Bromodichloromethane	0.943	0.949	-0.6	77	0.00
43	Methyl Methacrylate	0.456	0.482	-5.7	78	0.00
44 T	2,2,4-Trimethylpentane	2.126	2.042	4.0	80	0.00
45 T	t-1,3-Dichloropropene	0.539	0.621	-15.2	75	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL100219\
 Data File : VL034221.D
 Acq On : 2 Oct 2019 21:46
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 04 02:40:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019
 QLast Update : Wed Sep 18 12:53:31 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	0.649	0.707	-8.9	76	0.00
47 T	1,1,2-Trichloroethane	0.446	0.445	0.2	80	-0.01
48 T	Dibromochloromethane	0.706	0.710	-0.6	75	0.00
49 T	Bromoform	0.572	0.610	-6.6	77	-0.01
50 T	4-Methyl-2-Pentanone	1.486	1.418	4.6	77	0.00
51 T	2-Hexanone	1.247	1.186	4.9	74	0.00
52 T	Tetrachloroethene	0.365	0.351	3.8	81	-0.01
53 T	Toluene	1.207	1.258	-4.2	81	-0.01
54 T	1,2-Dibromoethane	0.663	0.657	0.9	78	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.420	5.8	77	0.00
57 T	Chlorobenzene	0.871	0.777	10.8	78	0.00
58 T	Ethyl Benzene	1.614	1.521	5.8	81	0.00
59 T	m/p-Xylene	1.336	1.224	8.4	80	0.00
60 T	o-Xylene	1.336	1.214	9.1	80	0.00
61 T	Styrene	0.957	0.916	4.3	78	-0.01
62	Isopropylbenzene	1.730	1.576	8.9	80	-0.01
63 T	1,1,2,2-Tetrachloroethane	1.096	0.884	19.3	79	0.00
64	n-propylbenzene	0.438	0.398	9.1	76	-0.02
65	tert-Butylbenzene	1.512	1.335	11.7	80	0.00
66 T	Benzyl Chloride	0.535	0.624	-16.6	74	0.00
67	sec-Butylbenzene	2.161	1.923	11.0	80	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.869	0.798	8.2	70	-0.02
69	p-Isopropyltoluene	1.750	1.570	10.3	80	-0.01
70	n-Butylbenzene	2.038	1.782	12.6	79	0.00
71	2-Chlorotoluene	1.413	1.276	9.7	78	-0.02
72 T	4-Ethyltoluene	1.510	1.391	7.9	79	0.00
73 T	1,3,5-Trimethylbenzene	1.459	1.325	9.2	79	-0.01
74 T	1,2,4-Trimethylbenzene	1.549	1.334	13.9	79	-0.01
75 T	1,3-Dichlorobenzene	0.831	0.717	13.7	78	0.00
76 T	1,4-Dichlorobenzene	0.851	0.732	14.0	77	0.00
77 T	1,2-Dichlorobenzene	0.841	0.715	15.0	77	-0.01
78 T	Hexachloro-1,3-Butadiene	0.557	0.566	-1.6	98	-0.01
79 T	Naphthalene	1.363	1.206	11.5	78	-0.01
80 T	Naphthalene,2-methyl-	0.634	0.500	21.1	59	0.00
81 T	1,2,4-Trichlorobenzene	0.755	0.667	11.7	80	0.00

(#) = Out of Range

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