

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101118\
 Data File : VL032599.D
 Acq On : 11 Oct 2018 9:41
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 12 12:51:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 01 06:49:26 2018
 QLast Update : Mon Oct 01 06:49:26 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	100	-0.02
2 T	Dichlorodifluoromethane	0.925	1.139	-23.1	139	-0.02
3	Chlorodifluoromethane	0.832	0.704	15.4	93	-0.01
4	Chloromethane	0.485	0.397	18.1	89	-0.01
5 T	Vinyl Chloride	0.490	0.410	16.3	95	-0.02
6 T	Bromomethane	0.268	0.254	5.2	95	-0.02
7	Chloroethane	0.175	0.159	9.1	98	-0.02
8 T	Dichlorotetrafluoroethane	1.011	0.942	6.8	103	-0.02
9 T	Propene	0.361	0.286	20.8	79	-0.01
10 T	Heptane	1.323	1.184	10.5	84	-0.02
11 T	Trichlorofluoromethane	1.100	1.060	3.6	110	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.899	0.898	0.1	112	-0.02
13	Ethanol	0.108	0.086	20.4	93	-0.02
14 T	Bromoethene	0.319	0.317	0.6	102	-0.02
15 T	Acetone	0.878	0.739	15.8	98	-0.02
16 T	1,3-Butadiene	0.356	0.334	6.2	95	-0.02
17	tert-Butyl alcohol	0.110	0.098	10.9	105	-0.03
18 T	1,1-Dichloroethene	0.421	0.442	-5.0	111	-0.02
19 T	Isopropyl Alcohol	0.611	0.562	8.0	97	-0.02
20 T	Methylene Chloride	0.425	0.383	9.9	109	-0.02
21 T	Allyl Chloride	0.717	0.703	2.0	101	-0.02
22 T	trans-1,2-Dichloroethene	0.397	0.422	-6.3	112	-0.02
23 T	Vinyl Acetate	1.551	1.207	22.2	72	-0.02
24 T	1,1-Dichloroethane	1.292	1.148	11.1	95	-0.02
25 T	Ethyl Acetate	2.130	1.899	10.8	93	-0.02
26 T	Hexane	0.962	0.891	7.4	95	-0.02
27 T	Carbon Disulfide	1.034	1.064	-2.9	105	-0.02
28 T	Methyl tert-Butyl Ether	1.198	1.069	10.8	85	-0.02
29 T	Chloroform	1.476	1.413	4.3	105	-0.02
30 T	Cyclohexane	0.783	0.764	2.4	91	-0.02
31 T	cis-1,2-Dichloroethene	0.916	0.853	6.9	89	-0.02
32 T	1,1,1-Trichloroethane	1.573	1.421	9.7	98	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	-0.02
34 T	2-Butanone	0.595	0.524	11.9	86	-0.02
35 T	Carbon Tetrachloride	0.695	0.645	7.2	101	-0.02
36 T	Benzene	0.808	0.798	1.2	97	-0.02
37 T	1,2-Dichloroethane	0.487	0.484	0.6	103	-0.02
38 T	Trichloroethene	0.309	0.306	1.0	99	-0.02
39 T	1,2-Dichloropropane	0.364	0.323	11.3	88	-0.02
40 T	1,4-Dioxane	0.112	0.119	-6.2	106	-0.03
41 T	Tetrahydrofuran	0.324	0.309	4.6	86	-0.02
42 T	Bromodichloromethane	0.730	0.707	3.2	99	-0.02
43	Methyl Methacrylate	0.338	0.336	0.6	90	-0.02
44 T	2,2,4-Trimethylpentane	1.579	1.439	8.9	91	-0.03
45 T	t-1,3-Dichloropropene	0.420	0.461	-9.8	88	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.493	0.510	-3.4	89	-0.02
47 T	1,1,2-Trichloroethane	0.404	0.371	8.2	94	-0.03
48 T	Dibromochloromethane	0.636	0.632	0.6	98	-0.02
49 T	Bromoform	0.486	0.502	-3.3	101	-0.03
50 T	4-Methyl-2-Pentanone	0.936	0.826	11.8	84	-0.02
51 T	2-Hexanone	0.774	0.731	5.6	84	-0.03
52 T	Tetrachloroethene	0.281	0.266	5.3	96	-0.02
53 T	Toluene	0.985	1.009	-2.4	91	-0.03
54 T	1,2-Dibromoethane	0.575	0.561	2.4	94	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	102	-0.03
56	1,1,1,2-Tetrachloroethane	0.450	0.428	4.9	107	-0.02
57 T	Chlorobenzene	0.806	0.717	11.0	100	-0.02
58 T	Ethyl Benzene	1.213	1.206	0.6	94	-0.02
59 T	m/p-Xylene	1.079	1.002	7.1	95	-0.02
60 T	o-Xylene	1.051	0.989	5.9	97	-0.03
61 T	Styrene	0.687	0.716	-4.2	92	-0.02
62	Isopropylbenzene	1.486	1.389	6.5	96	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.933	0.755	19.1	97	-0.03
64	n-propylbenzene	0.382	0.358	6.3	95	-0.03
65	tert-Butylbenzene	1.274	1.184	7.1	98	-0.02
66 T	Benzyl Chloride	0.734	0.720	1.9	93	-0.03
67	sec-Butylbenzene	1.894	1.737	8.3	97	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.754	0.740	1.9	102	-0.02
69	p-Isopropyltoluene	1.463	1.397	4.5	98	-0.02
70	n-Butylbenzene	1.598	1.505	5.8	96	-0.02
71	2-Chlorotoluene	1.132	1.102	2.7	96	-0.03
72 T	4-Ethyltoluene	1.141	1.143	-0.2	96	-0.02
73 T	1,3,5-Trimethylbenzene	1.108	1.095	1.2	97	-0.03
74 T	1,2,4-Trimethylbenzene	1.193	1.105	7.4	98	-0.02
75 T	1,3-Dichlorobenzene	0.736	0.622	15.5	98	-0.02
76 T	1,4-Dichlorobenzene	0.674	0.614	8.9	95	-0.02
77 T	1,2-Dichlorobenzene	0.693	0.621	10.4	99	-0.03
78 T	Hexachloro-1,3-Butadiene	0.260	0.381	-46.5#	181#	-0.02
79 T	Naphthalene	0.861	0.982	-14.1	93	-0.03
80 T	Naphthalene,2-methyl-	0.202	0.314	-55.4#	79	-0.02
81 T	1,2,4-Trichlorobenzene	0.441	0.463	-5.0	92	-0.03

(#) = Out of Range

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