

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092418\
 Data File : VL032521.D
 Acq On : 24 Sep 2018 21:38
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL092418

Quant Time: Sep 25 06:03:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Sep 25 05:17:15 2018
 QLast Update : Tue Sep 25 05:17:15 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	97	-0.02
2 T	Dichlorodifluoromethane	0.925	0.702	24.1	83	-0.02
3	Chlorodifluoromethane	0.832	0.758	8.9	97	-0.01
4	Chloromethane	0.485	0.438	9.7	96	-0.01
5 T	Vinyl Chloride	0.490	0.423	13.7	95	-0.02
6 T	Bromomethane	0.268	0.255	4.9	93	-0.02
7	Chloroethane	0.175	0.175	0.0	105	-0.02
8 T	Dichlorotetrafluoroethane	1.011	0.920	9.0	98	-0.02
9 T	Propene	0.361	0.343	5.0	93	-0.01
10 T	Heptane	1.323	1.349	-2.0	93	-0.02
11 T	Trichlorofluoromethane	1.100	1.019	7.4	103	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.899	0.820	8.8	99	-0.02
13	Ethanol	0.108	0.097	10.2	101	-0.01
14 T	Bromoethene	0.319	0.312	2.2	98	-0.02
15 T	Acetone	0.878	0.767	12.6	99	-0.02
16 T	1,3-Butadiene	0.356	0.354	0.6	98	-0.02
17	tert-Butyl alcohol	0.110	0.094	14.5	98	-0.03
18 T	1,1-Dichloroethene	0.421	0.403	4.3	98	-0.02
19 T	Isopropyl Alcohol	0.611	0.599	2.0	100	-0.02
20 T	Methylene Chloride	0.425	0.353	16.9	98	-0.02
21 T	Allyl Chloride	0.717	0.695	3.1	97	-0.02
22 T	trans-1,2-Dichloroethene	0.397	0.383	3.5	99	-0.02
23 T	Vinyl Acetate	1.551	1.591	-2.6	93	-0.02
24 T	1,1-Dichloroethane	1.292	1.194	7.6	96	-0.02
25 T	Ethyl Acetate	2.130	2.002	6.0	95	-0.02
26 T	Hexane	0.962	0.923	4.1	96	-0.02
27 T	Carbon Disulfide	1.034	1.044	-1.0	100	-0.02
28 T	Methyl tert-Butyl Ether	1.198	1.207	-0.8	93	-0.02
29 T	Chloroform	1.476	1.380	6.5	100	-0.02
30 T	Cyclohexane	0.783	0.825	-5.4	95	-0.02
31 T	cis-1,2-Dichloroethene	0.916	0.932	-1.7	94	-0.02
32 T	1,1,1-Trichloroethane	1.573	1.315	16.4	88	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	-0.02
34 T	2-Butanone	0.595	0.568	4.5	95	-0.02
35 T	Carbon Tetrachloride	0.695	0.622	10.5	99	-0.02
36 T	Benzene	0.808	0.770	4.7	94	-0.02
37 T	1,2-Dichloroethane	0.487	0.451	7.4	97	-0.02
38 T	Trichloroethene	0.309	0.312	-1.0	102	-0.02
39 T	1,2-Dichloropropane	0.364	0.342	6.0	94	-0.02
40 T	1,4-Dioxane	0.112	0.108	3.6	98	-0.02
41 T	Tetrahydrofuran	0.324	0.332	-2.5	94	-0.02
42 T	Bromodichloromethane	0.730	0.703	3.7	100	-0.02
43	Methyl Methacrylate	0.338	0.357	-5.6	97	-0.02
44 T	2,2,4-Trimethylpentane	1.579	1.512	4.2	97	-0.02
45 T	t-1,3-Dichloropropene	0.420	0.495	-17.9	95	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.493	0.475	3.7	83	-0.02
47 T	1,1,2-Trichloroethane	0.404	0.381	5.7	98	-0.02
48 T	Dibromochloromethane	0.636	0.624	1.9	98	-0.02
49 T	Bromoform	0.486	0.481	1.0	98	-0.02
50 T	4-Methyl-2-Pentanone	0.936	0.805	14.0	83	-0.02
51 T	2-Hexanone	0.774	0.817	-5.6	95	-0.03
52 T	Tetrachloroethene	0.281	0.266	5.3	97	-0.02
53 T	Toluene	0.985	1.056	-7.2	97	-0.03
54 T	1,2-Dibromoethane	0.575	0.571	0.7	97	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	-0.02
56	1,1,1,2-Tetrachloroethane	0.450	0.416	7.6	99	-0.02
57 T	Chlorobenzene	0.806	0.738	8.4	98	-0.02
58 T	Ethyl Benzene	1.213	1.307	-7.7	97	-0.02
59 T	m/p-Xylene	1.079	1.081	-0.2	98	-0.02
60 T	o-Xylene	1.051	1.055	-0.4	99	-0.02
61 T	Styrene	0.687	0.790	-15.0	97	-0.02
62	Isopropylbenzene	1.486	1.490	-0.3	98	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.933	0.806	13.6	99	-0.03
64	n-propylbenzene	0.382	0.387	-1.3	98	-0.02
65	tert-Butylbenzene	1.274	1.256	1.4	99	-0.02
66 T	Benzyl Chloride	0.734	0.796	-8.4	98	-0.02
67	sec-Butylbenzene	1.894	1.860	1.8	99	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.754	0.765	-1.5	100	-0.02
69	p-Isopropyltoluene	1.463	1.493	-2.1	99	-0.02
70	n-Butylbenzene	1.598	1.639	-2.6	99	-0.02
71	2-Chlorotoluene	1.132	1.171	-3.4	98	-0.02
72 T	4-Ethyltoluene	1.141	1.235	-8.2	99	-0.02
73 T	1,3,5-Trimethylbenzene	1.108	1.171	-5.7	99	-0.03
74 T	1,2,4-Trimethylbenzene	1.193	1.181	1.0	100	-0.02
75 T	1,3-Dichlorobenzene	0.736	0.666	9.5	100	-0.02
76 T	1,4-Dichlorobenzene	0.674	0.665	1.3	99	-0.02
77 T	1,2-Dichlorobenzene	0.693	0.655	5.5	99	-0.02
78 T	Hexachloro-1,3-Butadiene	0.260	0.227	12.7	103	-0.02
79 T	Naphthalene	0.861	1.091	-26.7	99	-0.03
80 T	Naphthalene,2-methyl-	0.202	0.404	-100.0#	97	-0.01
81 T	1,2,4-Trichlorobenzene	0.441	0.520	-17.9	99	-0.03

(#) = Out of Range

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