

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092018\
 Data File : VL032512.D
 Acq On : 20 Sep 2018 18:22
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 21 02:48:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Sep 21 02:33:47 2018
 QLast Update : Fri Sep 21 02:33:47 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	73	-0.01
2 T	Dichlorodifluoromethane	1.279	0.798	37.6#	46	-0.01
3	Chlorodifluoromethane	0.905	0.771	14.8	70	-0.01
4	Chloromethane	0.548	0.460	16.1	69	-0.01
5 T	Vinyl Chloride	0.541	0.435	19.6	68	-0.01
6 T	Bromomethane	0.284	0.261	8.1	73	-0.01
7	Chloroethane	0.187	0.164	12.3	71	-0.01
8 T	Dichlorotetrafluoroethane	1.135	0.916	19.3	67	-0.01
9 T	Propene	0.365	0.418	-14.5	83	-0.01
10 T	Heptane	1.310	1.396	-6.6	76	-0.02
11 T	Trichlorofluoromethane	1.153	0.927	19.6	66	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	0.782	0.806	-3.1	87	-0.01
13	Ethanol	0.114	0.099	13.2	81	-0.01
14 T	Bromoethene	0.331	0.315	4.8	72	-0.01
15 T	Acetone	0.901	0.821	8.9	77	-0.01
16 T	1,3-Butadiene	0.424	0.342	19.3	67	-0.01
17	tert-Butyl alcohol	0.139	0.135	2.9	78	-0.02
18 T	1,1-Dichloroethene	0.357	0.401	-12.3	90	-0.01
19 T	Isopropyl Alcohol	0.591	0.591	0.0	80	-0.01
20 T	Methylene Chloride	0.343	0.357	-4.1	90	-0.01
21 T	Allyl Chloride	0.598	0.698	-16.7	89	-0.01
22 T	trans-1,2-Dichloroethene	0.388	0.376	3.1	75	-0.01
23 T	Vinyl Acetate	1.493	1.739	-16.5	84	-0.01
24 T	1,1-Dichloroethane	1.230	1.198	2.6	77	-0.01
25 T	Ethyl Acetate	2.127	2.119	0.4	78	-0.02
26 T	Hexane	0.952	0.971	-2.0	77	-0.01
27 T	Carbon Disulfide	0.879	1.018	-15.8	87	-0.01
28 T	Methyl tert-Butyl Ether	1.169	1.357	-16.1	83	-0.01
29 T	Chloroform	1.452	1.388	4.4	78	-0.01
30 T	Cyclohexane	0.697	0.853	-22.4	85	-0.01
31 T	cis-1,2-Dichloroethene	0.862	0.950	-10.2	79	-0.02
32 T	1,1,1-Trichloroethane	1.353	1.436	-6.1	86	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	-0.02
34 T	2-Butanone	0.664	0.608	8.4	78	-0.01
35 T	Carbon Tetrachloride	0.672	0.607	9.7	84	-0.01
36 T	Benzene	0.851	0.850	0.1	83	-0.01
37 T	1,2-Dichloroethane	0.522	0.478	8.4	81	-0.01
38 T	Trichloroethene	0.323	0.301	6.8	84	-0.02
39 T	1,2-Dichloropropane	0.364	0.367	-0.8	88	-0.01
40 T	1,4-Dioxane	0.109	0.121	-11.0	89	-0.02
41 T	Tetrahydrofuran	0.362	0.389	-7.5	85	-0.01
42 T	Bromodichloromethane	0.719	0.695	3.3	85	-0.01
43	Methyl Methacrylate	0.361	0.372	-3.0	78	-0.02
44 T	2,2,4-Trimethylpentane	1.645	1.566	4.8	80	-0.02
45 T	t-1,3-Dichloropropene	0.386	0.507	-31.3#	92	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.494	0.569	-15.2	83	-0.01
47 T	1,1,2-Trichloroethane	0.387	0.381	1.6	93	-0.02
48 T	Dibromochloromethane	0.536	0.616	-14.9	95	-0.02
49 T	Bromoform	0.466	0.463	0.6	81	-0.01
50 T	4-Methyl-2-Pentanone	1.001	0.968	3.3	78	-0.02
51 T	2-Hexanone	0.645	0.852	-32.1#	98	-0.02
52 T	Tetrachloroethene	0.264	0.270	-2.3	88	-0.02
53 T	Toluene	0.890	1.086	-22.0	98	-0.02
54 T	1,2-Dibromoethane	0.520	0.567	-9.0	85	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	84	-0.02
56	1,1,1,2-Tetrachloroethane	0.451	0.400	11.3	84	-0.02
57 T	Chlorobenzene	0.799	0.715	10.5	83	-0.02
58 T	Ethyl Benzene	1.197	1.330	-11.1	87	-0.02
59 T	m/p-Xylene	1.067	1.073	-0.6	85	-0.02
60 T	o-Xylene	1.048	1.037	1.0	84	-0.02
61 T	Styrene	0.678	0.784	-15.6	85	-0.02
62	Isopropylbenzene	1.473	1.473	0.0	85	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.937	0.770	17.8	81	-0.02
64	n-propylbenzene	0.385	0.376	2.3	82	-0.02
65	tert-Butylbenzene	1.270	1.214	4.4	84	-0.01
66 T	Benzyl Chloride	0.707	0.738	-4.4	83	-0.02
67	sec-Butylbenzene	1.909	1.791	6.2	82	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.742	0.758	-2.2	86	-0.02
69	p-Isopropyltoluene	1.480	1.419	4.1	82	-0.02
70	n-Butylbenzene	1.677	1.540	8.2	80	-0.02
71	2-Chlorotoluene	1.126	1.152	-2.3	84	-0.02
72 T	4-Ethyltoluene	1.144	1.188	-3.8	82	-0.02
73 T	1,3,5-Trimethylbenzene	1.146	1.129	1.5	82	-0.02
74 T	1,2,4-Trimethylbenzene	1.253	1.120	10.6	82	-0.02
75 T	1,3-Dichlorobenzene	0.744	0.618	16.9	80	-0.02
76 T	1,4-Dichlorobenzene	0.690	0.612	11.3	79	-0.02
77 T	1,2-Dichlorobenzene	0.717	0.609	15.1	79	-0.02
78 T	Hexachloro-1,3-Butadiene	0.268	0.352	-31.3#	142	-0.02
79 T	Naphthalene	1.019	0.948	7.0	73	-0.02
80 T	Naphthalene,2-methyl-	0.271	0.317	-17.0	69	-0.01
81 T	1,2,4-Trichlorobenzene	0.513	0.449	12.5	73	-0.02

(#) = Out of Range

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