

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL070218\
 Data File : VL032176.D
 Acq On : 2 Jul 2018 10:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 03 05:05:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 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	118	-0.02
2 T	Dichlorodifluoromethane	1.317	1.101	16.4	130	0.00
3	Chlorodifluoromethane	1.222	1.151	5.8	122	0.00
4	Chloromethane	0.652	0.633	2.9	121	0.00
5 T	Vinyl Chloride	0.659	0.628	4.7	123	0.00
6 T	Bromomethane	0.375	0.363	3.2	122	0.00
7	Chloroethane	0.233	0.221	5.2	121	0.00
8 T	Dichlorotetrafluoroethane	1.469	1.378	6.2	124	0.00
9 T	Propene	0.569	0.505	11.2	111	0.00
10 T	Heptane	1.660	1.633	1.6	119	-0.02
11 T	Trichlorofluoromethane	1.425	1.332	6.5	118	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.949	0.854	10.0	118	-0.01
13	Ethanol	0.173	0.119	31.2#	102	0.00
14 T	Bromoethene	0.451	0.428	5.1	118	-0.01
15 T	Acetone	1.169	1.017	13.0	115	0.00
16 T	1,3-Butadiene	0.558	0.574	-2.9	124	0.00
17	tert-Butyl alcohol	0.745	0.610	18.1	99	0.00
18 T	1,1-Dichloroethene	0.454	0.408	10.1	113	0.00
19 T	Isopropyl Alcohol	0.972	0.816	16.0	103	0.00
20 T	Methylene Chloride	0.427	0.358	16.2	115	0.00
21 T	Allyl Chloride	0.798	0.719	9.9	110	0.00
22 T	trans-1,2-Dichloroethene	0.474	0.454	4.2	128	-0.01
23 T	Vinyl Acetate	2.120	1.961	7.5	116	-0.01
24 T	1,1-Dichloroethane	1.358	1.322	2.7	125	-0.01
25 T	Ethyl Acetate	2.419	2.231	7.8	120	-0.01
26 T	Hexane	1.114	1.028	7.7	123	-0.01
27 T	Carbon Disulfide	1.107	1.076	2.8	116	-0.01
28 T	Methyl tert-Butyl Ether	1.969	1.801	8.5	116	0.00
29 T	Chloroform	1.622	1.607	0.9	127	-0.01
30 T	Cyclohexane	1.050	1.094	-4.2	141	-0.02
31 T	cis-1,2-Dichloroethene	1.113	1.110	0.3	127	-0.02
32 T	1,1,1-Trichloroethane	1.700	1.837	-8.1	143	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	128	-0.01
34 T	2-Butanone	0.635	0.559	12.0	118	-0.01
35 T	Carbon Tetrachloride	0.685	0.657	4.1	139	-0.01
36 T	Benzene	0.968	0.950	1.9	142	-0.01
37 T	1,2-Dichloroethane	0.482	0.458	5.0	131	-0.02
38 T	Trichloroethene	0.378	0.316	16.4	115	-0.01
39 T	1,2-Dichloropropane	0.382	0.366	4.2	130	-0.02
40 T	1,4-Dioxane	0.150	0.127	15.3	110	-0.02
41 T	Tetrahydrofuran	0.380	0.331	12.9	116	-0.01
42 T	Bromodichloromethane	0.756	0.739	2.2	124	-0.02
43	Methyl Methacrylate	0.401	0.394	1.7	125	0.00
44 T	2,2,4-Trimethylpentane	1.694	1.537	9.3	121	-0.02
45 T	t-1,3-Dichloropropene	0.497	0.489	1.6	118	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.594	0.574	3.4	125	-0.02
47 T	1,1,2-Trichloroethane	0.397	0.368	7.3	123	-0.01
48 T	Dibromochloromethane	0.614	0.578	5.9	117	-0.02
49 T	Bromoform	0.514	0.465	9.5	112	-0.02
50 T	4-Methyl-2-Pentanone	1.040	0.951	8.6	125	-0.02
51 T	2-Hexanone	0.862	0.802	7.0	122	-0.01
52 T	Tetrachloroethene	0.352	0.282	19.9	117	-0.02
53 T	Toluene	1.170	1.074	8.2	123	-0.02
54 T	1,2-Dibromoethane	0.596	0.555	6.9	122	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	115	-0.02
56	1,1,1,2-Tetrachloroethane	0.446	0.413	7.4	122	-0.02
57 T	Chlorobenzene	0.866	0.797	8.0	124	-0.02
58 T	Ethyl Benzene	1.612	1.500	6.9	126	-0.02
59 T	m/p-Xylene	1.292	1.204	6.8	129	-0.02
60 T	o-Xylene	1.288	1.141	11.4	123	-0.02
61 T	Styrene	1.056	0.965	8.6	118	-0.01
62	Isopropylbenzene	1.981	1.640	17.2	119	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.998	0.812	18.6	125	-0.01
64	n-propylbenzene	0.513	0.429	16.4	121	-0.02
65	tert-Butylbenzene	1.741	1.441	17.2	126	-0.01
66 T	Benzyl Chloride	1.075	0.926	13.9	108	-0.01
67	sec-Butylbenzene	2.549	2.148	15.7	129	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.764	0.745	2.5	120	-0.02
69	p-Isopropyltoluene	2.045	1.678	17.9	121	-0.02
70	n-Butylbenzene	2.135	1.909	10.6	132	-0.01
71	2-Chlorotoluene	1.525	1.308	14.2	126	-0.02
72 T	4-Ethyltoluene	1.664	1.418	14.8	123	-0.01
73 T	1,3,5-Trimethylbenzene	1.568	1.343	14.3	123	-0.02
74 T	1,2,4-Trimethylbenzene	1.582	1.391	12.1	131	-0.02
75 T	1,3-Dichlorobenzene	0.900	0.759	15.7	125	-0.02
76 T	1,4-Dichlorobenzene	0.912	0.786	13.8	124	-0.01
77 T	1,2-Dichlorobenzene	0.899	0.767	14.7	123	-0.02
78 T	Hexachloro-1,3-Butadiene	0.313	0.448	-43.1#	208#	-0.02
79 T	Naphthalene	1.438	1.381	4.0	117	-0.02
80 T	Naphthalene,2-methyl-	0.519	0.691	-33.1#	106	-0.01
81 T	1,2,4-Trichlorobenzene	0.649	0.643	0.9	119	-0.01

(#) = Out of Range

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