

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121318\
 Data File : VL032984.D
 Acq On : 13 Dec 2018 14:26
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 14 02:36:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 QLast Update : Fri Dec 07 09:35:17 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	109	0.00
2 T	Dichlorodifluoromethane	1.335	1.390	-4.1	120	0.00
3	Chlorodifluoromethane	0.757	0.764	-0.9	119	0.00
4	Chloromethane	0.441	0.422	4.3	120	0.00
5 T	Vinyl Chloride	0.449	0.429	4.5	117	0.00
6 T	Bromomethane	0.281	0.286	-1.8	117	0.00
7	Chloroethane	0.161	0.164	-1.9	118	0.00
8 T	Dichlorotetrafluoroethane	1.109	1.093	1.4	116	0.00
9 T	Propene	0.299	0.315	-5.4	124	0.00
10 T	Heptane	1.125	1.076	4.4	101	0.00
11 T	Trichlorofluoromethane	1.258	1.211	3.7	111	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.073	1.004	6.4	113	0.00
13	Ethanol	0.103	0.074	28.2	117	0.00
14 T	Bromoethene	0.356	0.367	-3.1	113	0.00
15 T	Acetone	0.858	0.765	10.8	115	0.00
16 T	1,3-Butadiene	0.341	0.339	0.6	111	0.00
17	tert-Butyl alcohol	0.219	0.249	-13.7	126	0.00
18 T	1,1-Dichloroethene	0.420	0.462	-10.0	132	0.00
19 T	Isopropyl Alcohol	0.539	0.535	0.7	115	0.00
20 T	Methylene Chloride	0.420	0.392	6.7	112	0.00
21 T	Allyl Chloride	0.699	0.721	-3.1	114	0.00
22 T	trans-1,2-Dichloroethene	0.522	0.469	10.2	110	0.00
23 T	Vinyl Acetate	1.453	1.730	-19.1	134	0.00
24 T	1,1-Dichloroethane	1.264	1.321	-4.5	129	0.00
25 T	Ethyl Acetate	2.028	1.986	2.1	108	0.00
26 T	Hexane	0.936	0.916	2.1	107	0.00
27 T	Carbon Disulfide	1.170	1.167	0.3	111	0.00
28 T	Methyl tert-Butyl Ether	1.406	1.649	-17.3	130	0.00
29 T	Chloroform	1.670	1.527	8.6	103	0.00
30 T	Cyclohexane	0.776	0.817	-5.3	112	0.00
31 T	cis-1,2-Dichloroethene	0.859	0.875	-1.9	109	0.00
32 T	1,1,1-Trichloroethane	1.767	1.679	5.0	110	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
34 T	2-Butanone	0.436	0.496	-13.8	125	0.00
35 T	Carbon Tetrachloride	0.786	0.696	11.5	107	0.00
36 T	Benzene	0.736	0.690	6.3	102	0.00
37 T	1,2-Dichloroethane	0.501	0.460	8.2	102	0.00
38 T	Trichloroethene	0.306	0.304	0.7	106	0.00
39 T	1,2-Dichloropropane	0.279	0.258	7.5	102	0.00
40 T	1,4-Dioxane	0.103	0.100	2.9	112	0.00
41 T	Tetrahydrofuran	0.271	0.296	-9.2	114	0.00
42 T	Bromodichloromethane	0.694	0.627	9.7	99	0.00
43	Methyl Methacrylate	0.273	0.279	-2.2	101	0.00
44 T	2,2,4-Trimethylpentane	1.249	1.270	-1.7	109	0.00
45 T	t-1,3-Dichloropropene	0.334	0.421	-26.0	111	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.409	0.487	-19.1	113	0.00
47 T	1,1,2-Trichloroethane	0.307	0.321	-4.6	113	0.00
48 T	Dibromochloromethane	0.576	0.591	-2.6	109	0.00
49 T	Bromoform	0.474	0.525	-10.8	113	0.00
50 T	4-Methyl-2-Pentanone	0.697	0.733	-5.2	112	0.00
51 T	2-Hexanone	0.472	0.542	-14.8	107	0.00
52 T	Tetrachloroethene	0.268	0.293	-9.3	118	0.00
53 T	Toluene	0.780	0.893	-14.5	111	0.00
54 T	1,2-Dibromoethane	0.480	0.492	-2.5	108	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.420	5.8	107	0.00
57 T	Chlorobenzene	0.722	0.689	4.6	110	0.00
58 T	Ethyl Benzene	1.067	1.212	-13.6	110	0.00
59 T	m/p-Xylene	0.967	1.058	-9.4	113	0.00
60 T	o-Xylene	0.977	1.002	-2.6	109	0.00
61 T	Styrene	0.650	0.780	-20.0	108	0.00
62	Isopropylbenzene	1.363	1.504	-10.3	114	0.00
63 T	1,1,2,2-Tetrachloroethane	0.758	0.696	8.2	111	0.00
64	n-propylbenzene	0.354	0.364	-2.8	102	0.00
65	tert-Butylbenzene	1.263	1.277	-1.1	98	0.00
66 T	Benzyl Chloride	0.700	0.768	-9.7	102	0.00
67	sec-Butylbenzene	1.863	1.794	3.7	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.739	0.754	-2.0	108	0.00
69	p-Isopropyltoluene	1.509	1.537	-1.9	103	0.00
70	n-Butylbenzene	1.389	1.574	-13.3	112	0.00
71	2-Chlorotoluene	1.013	1.066	-5.2	102	0.00
72 T	4-Ethyltoluene	1.090	1.153	-5.8	102	0.00
73 T	1,3,5-Trimethylbenzene	1.065	1.156	-8.5	112	0.00
74 T	1,2,4-Trimethylbenzene	1.202	1.158	3.7	99	0.00
75 T	1,3-Dichlorobenzene	0.708	0.649	8.3	100	0.00
76 T	1,4-Dichlorobenzene	0.660	0.632	4.2	98	0.00
77 T	1,2-Dichlorobenzene	0.661	0.657	0.6	105	0.00
78 T	Hexachloro-1,3-Butadiene	0.364	0.320	12.1	116	0.00
79 T	Naphthalene	0.776	0.932	-20.1	115	0.00
80 T	Naphthalene,2-methyl-	0.166	0.212	-27.7	99	0.00
81 T	1,2,4-Trichlorobenzene	0.412	0.453	-10.0	113	0.00

(#) = Out of Range

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