

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL122018\
 Data File : VL033050.D
 Acq On : 21 Dec 2018 11:49
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 22 05:49:14 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	76	0.00
2 T	Dichlorodifluoromethane	1.335	1.327	0.6	79	0.00
3	Chlorodifluoromethane	0.757	1.123	-48.3#	121	0.00
4	Chloromethane	0.441	0.591	-34.0#	117	0.00
5 T	Vinyl Chloride	0.449	0.619	-37.9#	117	0.00
6 T	Bromomethane	0.281	0.444	-58.0#	126	0.00
7	Chloroethane	0.161	0.243	-50.9#	121	0.00
8 T	Dichlorotetrafluoroethane	1.109	1.610	-45.2#	118	0.00
9 T	Propene	0.299	0.417	-39.5#	114	0.00
10 T	Heptane	1.125	1.231	-9.4	80	0.00
11 T	Trichlorofluoromethane	1.258	1.934	-53.7#	123	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.073	1.289	-20.1	100	0.00
13	Ethanol	0.103	0.113	-9.7	124	0.00
14 T	Bromoethene	0.356	0.565	-58.7#	120	0.00
15 T	Acetone	0.858	1.206	-40.6#	125	0.00
16 T	1,3-Butadiene	0.341	0.503	-47.5#	114	0.00
17	tert-Butyl alcohol	0.219	0.343	-56.6#	121	0.00
18 T	1,1-Dichloroethene	0.420	0.582	-38.6#	116	0.00
19 T	Isopropyl Alcohol	0.539	0.929	-72.4#	139	0.00
20 T	Methylene Chloride	0.420	0.503	-19.8	100	0.00
21 T	Allyl Chloride	0.699	0.899	-28.6	98	0.00
22 T	trans-1,2-Dichloroethene	0.522	0.577	-10.5	93	0.00
23 T	Vinyl Acetate	1.453	1.724	-18.7	93	0.00
24 T	1,1-Dichloroethane	1.264	1.392	-10.1	94	0.00
25 T	Ethyl Acetate	2.028	2.167	-6.9	82	0.00
26 T	Hexane	0.936	0.988	-5.6	80	0.00
27 T	Carbon Disulfide	1.170	1.446	-23.6	96	0.00
28 T	Methyl tert-Butyl Ether	1.406	1.693	-20.4	93	0.00
29 T	Chloroform	1.670	1.731	-3.7	81	0.00
30 T	Cyclohexane	0.776	0.853	-9.9	81	0.00
31 T	cis-1,2-Dichloroethene	0.859	1.037	-20.7	90	0.00
32 T	1,1,1-Trichloroethane	1.767	1.844	-4.4	84	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
34 T	2-Butanone	0.436	0.572	-31.2#	97	0.00
35 T	Carbon Tetrachloride	0.786	0.800	-1.8	83	0.00
36 T	Benzene	0.736	0.810	-10.1	81	0.00
37 T	1,2-Dichloroethane	0.501	0.554	-10.6	83	0.00
38 T	Trichloroethene	0.306	0.349	-14.1	82	0.00
39 T	1,2-Dichloropropane	0.279	0.296	-6.1	79	0.00
40 T	1,4-Dioxane	0.103	0.111	-7.8	84	0.00
41 T	Tetrahydrofuran	0.271	0.298	-10.0	78	0.00
42 T	Bromodichloromethane	0.694	0.763	-9.9	81	0.00
43	Methyl Methacrylate	0.273	0.334	-22.3	81	0.00
44 T	2,2,4-Trimethylpentane	1.249	1.380	-10.5	80	0.00
45 T	t-1,3-Dichloropropene	0.334	0.457	-36.8#	81	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.409	0.522	-27.6	82	0.00
47 T	1,1,2-Trichloroethane	0.307	0.347	-13.0	83	0.00
48 T	Dibromochloromethane	0.576	0.650	-12.8	81	0.00
49 T	Bromoform	0.474	0.562	-18.6	82	0.00
50 T	4-Methyl-2-Pentanone	0.697	0.793	-13.8	82	0.00
51 T	2-Hexanone	0.472	0.592	-25.4	79	0.00
52 T	Tetrachloroethene	0.268	0.300	-11.9	81	0.00
53 T	Toluene	0.780	0.967	-24.0	81	0.00
54 T	1,2-Dibromoethane	0.480	0.548	-14.2	81	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.478	-7.2	81	0.00
57 T	Chlorobenzene	0.722	0.766	-6.1	82	0.00
58 T	Ethyl Benzene	1.067	1.358	-27.3	82	0.00
59 T	m/p-Xylene	0.967	1.172	-21.2	84	-0.02
60 T	o-Xylene	0.977	1.150	-17.7	83	0.00
61 T	Styrene	0.650	0.830	-27.7	77	0.00
62	Isopropylbenzene	1.363	1.611	-18.2	82	0.00
63 T	1,1,2,2-Tetrachloroethane	0.758	0.786	-3.7	83	0.00
64	n-propylbenzene	0.354	0.411	-16.1	77	0.00
65	tert-Butylbenzene	1.263	1.496	-18.4	76	0.00
66 T	Benzyl Chloride	0.700	0.905	-29.3	80	0.00
67	sec-Butylbenzene	1.863	2.101	-12.8	77	0.00
68 S	1-Bromo-4-Fluorobenzene	0.739	0.773	-4.6	74	0.00
69	p-Isopropyltoluene	1.509	1.766	-17.0	79	0.00
70	n-Butylbenzene	1.389	1.803	-29.8	85	0.00
71	2-Chlorotoluene	1.013	1.208	-19.2	77	0.00
72 T	4-Ethyltoluene	1.090	1.328	-21.8	79	0.00
73 T	1,3,5-Trimethylbenzene	1.065	1.289	-21.0	84	0.00
74 T	1,2,4-Trimethylbenzene	1.202	1.357	-12.9	77	0.00
75 T	1,3-Dichlorobenzene	0.708	0.765	-8.1	78	0.00
76 T	1,4-Dichlorobenzene	0.660	0.753	-14.1	78	0.00
77 T	1,2-Dichlorobenzene	0.661	0.760	-15.0	81	0.00
78 T	Hexachloro-1,3-Butadiene	0.364	0.491	-34.9#	118	0.01
79 T	Naphthalene	0.776	1.072	-38.1#	88	0.00
80 T	Naphthalene,2-methyl-	0.166	0.275	-65.7#	85	0.00
81 T	1,2,4-Trichlorobenzene	0.412	0.522	-26.7	87	0.00

(#) = Out of Range

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