

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL120418\
 Data File : VL032874.D
 Acq On : 4 Dec 2018 9:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 05 06:04:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 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	81	0.00
2 T	Dichlorodifluoromethane	1.437	1.261	12.2	79	0.00
3	Chlorodifluoromethane	0.793	0.778	1.9	88	0.00
4	Chloromethane	0.440	0.415	5.7	86	0.00
5 T	Vinyl Chloride	0.466	0.441	5.4	89	0.00
6 T	Bromomethane	0.285	0.297	-4.2	91	0.00
7	Chloroethane	0.168	0.174	-3.6	92	0.00
8 T	Dichlorotetrafluoroethane	1.133	1.112	1.9	91	0.00
9 T	Propene	0.317	0.323	-1.9	90	0.00
10 T	Heptane	1.211	1.299	-7.3	87	0.00
11 T	Trichlorofluoromethane	1.355	1.578	-16.5	113	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.106	1.285	-16.2	109	0.00
13	Ethanol	0.104	0.079	24.0	87	0.00
14 T	Bromoethene	0.367	0.383	-4.4	93	0.00
15 T	Acetone	0.913	0.799	12.5	91	0.00
16 T	1,3-Butadiene	0.354	0.353	0.3	78	0.00
17	tert-Butyl alcohol	0.286	0.339	-18.5	96	0.00
18 T	1,1-Dichloroethene	0.544	0.594	-9.2	94	0.00
19 T	Isopropyl Alcohol	0.608	0.701	-15.3	109	0.00
20 T	Methylene Chloride	0.473	0.513	-8.5	96	0.00
21 T	Allyl Chloride	0.767	0.917	-19.6	107	0.00
22 T	trans-1,2-Dichloroethene	0.531	0.593	-11.7	93	0.00
23 T	Vinyl Acetate	1.665	1.808	-8.6	83	0.00
24 T	1,1-Dichloroethane	1.323	1.398	-5.7	86	0.00
25 T	Ethyl Acetate	2.128	2.197	-3.2	90	0.00
26 T	Hexane	0.947	1.005	-6.1	90	0.00
27 T	Carbon Disulfide	1.201	1.505	-25.3	107	0.00
28 T	Methyl tert-Butyl Ether	1.511	1.815	-20.1	91	0.00
29 T	Chloroform	1.689	1.698	-0.5	90	0.00
30 T	Cyclohexane	0.829	0.934	-12.7	92	0.00
31 T	cis-1,2-Dichloroethene	0.953	1.038	-8.9	89	0.00
32 T	1,1,1-Trichloroethane	1.851	1.862	-0.6	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
34 T	2-Butanone	0.519	0.520	-0.2	88	0.00
35 T	Carbon Tetrachloride	0.804	0.746	7.2	91	0.00
36 T	Benzene	0.796	0.804	-1.0	90	0.00
37 T	1,2-Dichloroethane	0.536	0.510	4.9	87	0.00
38 T	Trichloroethene	0.322	0.337	-4.7	93	0.00
39 T	1,2-Dichloropropane	0.303	0.304	-0.3	90	0.00
40 T	1,4-Dioxane	0.108	0.105	2.8	88	0.00
41 T	Tetrahydrofuran	0.298	0.294	1.3	83	0.00
42 T	Bromodichloromethane	0.727	0.719	1.1	90	0.00
43	Methyl Methacrylate	0.297	0.318	-7.1	87	0.00
44 T	2,2,4-Trimethylpentane	1.331	1.353	-1.7	90	0.00
45 T	t-1,3-Dichloropropene	0.399	0.446	-11.8	82	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.482	0.554	-14.9	89	0.00
47 T	1,1,2-Trichloroethane	0.359	0.366	-1.9	91	0.00
48 T	Dibromochloromethane	0.610	0.637	-4.4	85	0.00
49 T	Bromoform	0.504	0.570	-13.1	98	0.00
50 T	4-Methyl-2-Pentanone	0.810	0.838	-3.5	87	0.00
51 T	2-Hexanone	0.522	0.587	-12.5	86	0.00
52 T	Tetrachloroethene	0.277	0.304	-9.7	95	0.00
53 T	Toluene	0.831	0.950	-14.3	91	0.00
54 T	1,2-Dibromoethane	0.507	0.533	-5.1	90	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
56	1,1,1,2-Tetrachloroethane	0.466	0.436	6.4	94	0.00
57 T	Chlorobenzene	0.765	0.699	8.6	92	0.00
58 T	Ethyl Benzene	1.203	1.230	-2.2	91	0.00
59 T	m/p-Xylene	1.071	1.118	-4.4	99	0.00
60 T	o-Xylene	1.077	1.087	-0.9	97	0.00
61 T	Styrene	0.701	0.753	-7.4	90	0.00
62	Isopropylbenzene	1.456	1.460	-0.3	94	0.00
63 T	1,1,2,2-Tetrachloroethane	0.840	0.755	10.1	98	0.00
64	n-propylbenzene	0.383	0.369	3.7	90	0.00
65	tert-Butylbenzene	1.305	1.289	1.2	91	0.00
66 T	Benzyl Chloride	0.722	0.725	-0.4	83	0.00
67	sec-Butylbenzene	1.881	1.783	5.2	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.748	0.677	9.5	78	0.00
69	p-Isopropyltoluene	1.496	1.461	2.3	91	0.00
70	n-Butylbenzene	1.519	1.427	6.1	86	0.00
71	2-Chlorotoluene	1.086	1.068	1.7	88	0.00
72 T	4-Ethyltoluene	1.181	1.248	-5.7	95	0.00
73 T	1,3,5-Trimethylbenzene	1.154	1.187	-2.9	95	0.00
74 T	1,2,4-Trimethylbenzene	1.235	1.129	8.6	89	0.00
75 T	1,3-Dichlorobenzene	0.709	0.635	10.4	88	0.00
76 T	1,4-Dichlorobenzene	0.662	0.622	6.0	88	0.00
77 T	1,2-Dichlorobenzene	0.656	0.614	6.4	91	0.00
78 T	Hexachloro-1,3-Butadiene	0.354	0.255	28.0	66	0.00
79 T	Naphthalene	0.812	0.791	2.6	79	0.00
80 T	Naphthalene,2-methyl-	0.203	0.223	-9.9	66	0.00
81 T	1,2,4-Trichlorobenzene	0.408	0.437	-7.1	91	0.00

(#) = Out of Range

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