

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101719\
 Data File : VL034340.D
 Acq On : 18 Oct 2019 12:05
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 19 00:35:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 17 05:12:37 2019
 QLast Update : Thu Oct 17 05:12:37 2019
 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	72	0.00
2 T	Dichlorodifluoromethane	1.724	1.501	12.9	90	0.00
3	Chlorodifluoromethane	1.172	1.231	-5.0	79	0.00
4	Chloromethane	0.693	0.765	-10.4	83	0.00
5 T	Vinyl Chloride	0.661	0.699	-5.7	83	0.00
6 T	Bromomethane	0.324	0.377	-16.4	86	0.00
7	Chloroethane	0.233	0.256	-9.9	79	0.00
8 T	Dichlorotetrafluoroethane	1.494	1.599	-7.0	85	0.00
9 T	Propene	0.520	0.605	-16.3	83	0.00
10 T	Heptane	1.334	1.569	-17.6	82	0.00
11 T	Trichlorofluoromethane	1.637	1.710	-4.5	81	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.072	1.173	-9.4	83	0.00
13	Ethanol	0.116	0.127	-9.5	83	0.00
14 T	Bromoethene	0.422	0.504	-19.4	83	0.00
15 T	Acetone	1.430	1.305	8.7	81	0.00
16 T	1,3-Butadiene	0.581	0.664	-14.3	82	0.00
17	tert-Butyl alcohol	0.913	1.195	-30.9#	81	0.00
18 T	1,1-Dichloroethene	0.470	0.539	-14.7	84	0.00
19 T	Isopropyl Alcohol	0.798	1.001	-25.4	79	0.00
20 T	Methylene Chloride	0.517	0.476	7.9	84	0.00
21 T	Allyl Chloride	0.791	0.917	-15.9	81	0.00
22 T	trans-1,2-Dichloroethene	0.468	0.543	-16.0	82	0.00
23 T	Vinyl Acetate	1.786	2.146	-20.2	83	0.00
24 T	1,1-Dichloroethane	1.326	1.470	-10.9	82	0.00
25 T	Ethyl Acetate	2.415	2.689	-11.3	85	0.00
26 T	Hexane	1.029	1.171	-13.8	86	0.00
27 T	Carbon Disulfide	1.069	1.343	-25.6	82	0.00
28 T	Methyl tert-Butyl Ether	1.558	1.881	-20.7	86	0.00
29 T	Chloroform	1.628	1.793	-10.1	83	0.00
30 T	Cyclohexane	0.757	0.934	-23.4	86	0.00
31 T	cis-1,2-Dichloroethene	1.045	1.230	-17.7	83	0.00
32 T	1,1,1-Trichloroethane	1.583	1.744	-10.2	82	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
34 T	2-Butanone	0.817	0.857	-4.9	83	0.00
35 T	Carbon Tetrachloride	0.871	0.851	2.3	80	0.00
36 T	Benzene	0.959	1.075	-12.1	89	0.00
37 T	1,2-Dichloroethane	0.715	0.704	1.5	78	0.00
38 T	Trichloroethene	0.385	0.404	-4.9	85	0.00
39 T	1,2-Dichloropropane	0.413	0.447	-8.2	85	0.00
40 T	1,4-Dioxane	0.145	0.163	-12.4	82	0.00
41 T	Tetrahydrofuran	0.454	0.506	-11.5	83	0.00
42 T	Bromodichloromethane	0.876	0.937	-7.0	83	0.00
43	Methyl Methacrylate	0.397	0.457	-15.1	85	0.00
44 T	2,2,4-Trimethylpentane	1.776	1.872	-5.4	85	0.00
45 T	t-1,3-Dichloropropene	0.483	0.601	-24.4	83	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.555	0.687	-23.8	85	0.00
47 T	1,1,2-Trichloroethane	0.418	0.445	-6.5	85	0.00
48 T	Dibromochloromethane	0.686	0.764	-11.4	81	0.00
49 T	Bromoform	0.608	0.692	-13.8	81	0.00
50 T	4-Methyl-2-Pentanone	1.170	1.272	-8.7	83	0.00
51 T	2-Hexanone	0.959	1.066	-11.2	82	0.00
52 T	Tetrachloroethene	0.376	0.402	-6.9	86	0.00
53 T	Toluene	1.059	1.248	-17.8	88	0.00
54 T	1,2-Dibromoethane	0.620	0.671	-8.2	85	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
56	1,1,1,2-Tetrachloroethane	0.461	0.439	4.8	83	0.00
57 T	Chlorobenzene	0.834	0.798	4.3	85	0.00
58 T	Ethyl Benzene	1.398	1.466	-4.9	87	0.00
59 T	m/p-Xylene	1.211	1.190	1.7	84	0.00
60 T	o-Xylene	1.206	1.186	1.7	85	0.00
61 T	Styrene	0.849	0.912	-7.4	86	0.00
62	Isopropylbenzene	1.592	1.557	2.2	85	0.00
63 T	1,1,2,2-Tetrachloroethane	0.969	0.820	15.4	83	0.00
64	n-propylbenzene	0.409	0.410	-0.2	85	0.00
65	tert-Butylbenzene	1.411	1.359	3.7	83	0.00
66 T	Benzyl Chloride	0.557	0.632	-13.5	76	0.00
67	sec-Butylbenzene	1.986	1.880	5.3	83	0.00
68 S	1-Bromo-4-Fluorobenzene	0.847	0.748	11.7	75	0.00
69	p-Isopropyltoluene	1.619	1.564	3.4	82	0.00
70	n-Butylbenzene	1.761	1.661	5.7	81	0.00
71	2-Chlorotoluene	1.234	1.222	1.0	83	0.00
72 T	4-Ethyltoluene	1.356	1.368	-0.9	84	0.00
73 T	1,3,5-Trimethylbenzene	1.343	1.302	3.1	83	0.00
74 T	1,2,4-Trimethylbenzene	1.401	1.321	5.7	82	0.00
75 T	1,3-Dichlorobenzene	0.841	0.761	9.5	81	0.00
76 T	1,4-Dichlorobenzene	0.822	0.764	7.1	81	0.00
77 T	1,2-Dichlorobenzene	0.825	0.741	10.2	81	0.00
78 T	Hexachloro-1,3-Butadiene	0.682	0.654	4.1	93	0.00
79 T	Naphthalene	1.023	1.319	-28.9	97	0.00
80 T	Naphthalene,2-methyl-	0.296	0.423	-42.9#	94	0.00
81 T	1,2,4-Trichlorobenzene	0.668	0.347	48.1#	42	0.00

(#) = Out of Range

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