

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL092419\
 Data File : VL034197.D
 Acq On : 24 Sep 2019 10:20
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 25 05:44:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
 QLast Update : Wed Sep 18 12:53:31 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	92	0.00
2 T	Dichlorodifluoromethane	1.477	1.113	24.6	84	0.00
3	Chlorodifluoromethane	1.173	1.116	4.9	94	0.00
4	Chloromethane	0.689	0.668	3.0	94	0.00
5 T	Vinyl Chloride	0.630	0.586	7.0	94	0.00
6 T	Bromomethane	0.294	0.286	2.7	93	0.00
7	Chloroethane	0.220	0.220	0.0	97	0.00
8 T	Dichlorotetrafluoroethane	1.304	1.222	6.3	95	0.00
9 T	Propene	0.578	0.555	4.0	92	0.00
10 T	Heptane	1.508	1.456	3.4	93	0.00
11 T	Trichlorofluoromethane	1.345	1.299	3.4	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.880	0.845	4.0	95	0.00
13	Ethanol	0.140	0.118	15.7	119	0.00
14 T	Bromoethene	0.360	0.363	-0.8	94	0.00
15 T	Acetone	1.340	1.115	16.8	97	0.00
16 T	1,3-Butadiene	0.585	0.590	-0.9	96	0.00
17	tert-Butyl alcohol	0.849	0.979	-15.3	112	0.00
18 T	1,1-Dichloroethene	0.384	0.379	1.3	93	0.00
19 T	Isopropyl Alcohol	0.824	0.890	-8.0	119	0.00
20 T	Methylene Chloride	0.386	0.347	10.1	95	0.00
21 T	Allyl Chloride	0.757	0.773	-2.1	95	0.00
22 T	trans-1,2-Dichloroethene	0.384	0.391	-1.8	96	0.00
23 T	Vinyl Acetate	1.975	1.918	2.9	94	0.00
24 T	1,1-Dichloroethane	1.330	1.251	5.9	94	0.00
25 T	Ethyl Acetate	2.534	2.328	8.1	95	0.00
26 T	Hexane	1.054	0.989	6.2	95	0.00
27 T	Carbon Disulfide	0.972	1.068	-9.9	97	0.00
28 T	Methyl tert-Butyl Ether	1.566	1.519	3.0	94	0.00
29 T	Chloroform	1.507	1.453	3.6	94	0.00
30 T	Cyclohexane	0.761	0.743	2.4	92	0.00
31 T	cis-1,2-Dichloroethene	1.075	1.060	1.4	93	0.00
32 T	1,1,1-Trichloroethane	1.453	1.413	2.8	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	1.021	0.960	6.0	93	0.00
35 T	Carbon Tetrachloride	0.831	0.821	1.2	96	0.00
36 T	Benzene	1.104	1.047	5.2	92	0.00
37 T	1,2-Dichloroethane	0.786	0.769	2.2	94	0.00
38 T	Trichloroethene	0.395	0.355	10.1	92	0.00
39 T	1,2-Dichloropropane	0.496	0.469	5.4	92	0.00
40 T	1,4-Dioxane	0.161	0.164	-1.9	110	0.00
41 T	Tetrahydrofuran	0.575	0.573	0.3	92	0.00
42 T	Bromodichloromethane	0.943	0.944	-0.1	93	0.00
43	Methyl Methacrylate	0.456	0.469	-2.9	94	0.00
44 T	2,2,4-Trimethylpentane	2.126	1.953	8.1	94	0.00
45 T	t-1,3-Dichloropropene	0.539	0.631	-17.1	94	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.649	0.695	-7.1	92	0.00
47 T	1,1,2-Trichloroethane	0.446	0.419	6.1	92	0.00
48 T	Dibromochloromethane	0.706	0.715	-1.3	93	0.00
49 T	Bromoform	0.572	0.599	-4.7	93	0.00
50 T	4-Methyl-2-Pentanone	1.486	1.418	4.6	94	0.00
51 T	2-Hexanone	1.247	1.226	1.7	94	0.00
52 T	Tetrachloroethene	0.365	0.327	10.4	92	0.00
53 T	Toluene	1.207	1.163	3.6	92	0.00
54 T	1,2-Dibromoethane	0.663	0.638	3.8	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.434	2.7	94	0.00
57 T	Chlorobenzene	0.871	0.793	9.0	93	0.00
58 T	Ethyl Benzene	1.614	1.508	6.6	94	0.00
59 T	m/p-Xylene	1.336	1.240	7.2	95	0.00
60 T	o-Xylene	1.336	1.219	8.8	94	0.00
61 T	Styrene	0.957	0.920	3.9	92	0.00
62	Isopropylbenzene	1.730	1.572	9.1	94	0.00
63 T	1,1,2,2-Tetrachloroethane	1.096	0.887	19.1	93	0.00
64	n-propylbenzene	0.438	0.410	6.4	92	0.00
65	tert-Butylbenzene	1.512	1.344	11.1	94	0.00
66 T	Benzyl Chloride	0.535	0.692	-29.3	97	0.00
67	sec-Butylbenzene	2.161	1.955	9.5	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.869	0.857	1.4	88	0.00
69	p-Isopropyltoluene	1.750	1.582	9.6	94	0.00
70	n-Butylbenzene	2.038	1.810	11.2	94	0.00
71	2-Chlorotoluene	1.413	1.296	8.3	93	0.00
72 T	4-Ethyltoluene	1.510	1.398	7.4	93	0.00
73 T	1,3,5-Trimethylbenzene	1.459	1.348	7.6	94	0.00
74 T	1,2,4-Trimethylbenzene	1.549	1.356	12.5	94	0.00
75 T	1,3-Dichlorobenzene	0.831	0.731	12.0	93	0.00
76 T	1,4-Dichlorobenzene	0.851	0.740	13.0	91	0.00
77 T	1,2-Dichlorobenzene	0.841	0.731	13.1	92	0.00
78 T	Hexachloro-1,3-Butadiene	0.557	0.467	16.2	95	0.00
79 T	Naphthalene	1.363	1.223	10.3	92	0.00
80 T	Naphthalene,2-methyl-	0.634	0.649	-2.4	89	0.00
81 T	1,2,4-Trichlorobenzene	0.755	0.658	12.8	92	0.00

(#) = Out of Range

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