

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL090519\
 Data File : VL034127.D
 Acq On : 5 Sep 2019 7:05
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampled :
 ICSVV090519

Quant Time: Sep 05 10:28:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 05 10:21:45 2019
 QLast Update : Thu Sep 05 10:21:45 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	1.649	1.522	7.7	91	0.00
3	Chlorodifluoromethane	1.115	1.070	4.0	98	0.00
4	Chloromethane	0.697	0.609	12.6	86	0.00
5 T	Vinyl Chloride	0.635	0.551	13.2	89	0.00
6 T	Bromomethane	0.313	0.295	5.8	91	0.00
7	Chloroethane	0.216	0.202	6.5	91	0.00
8 T	Dichlorotetrafluoroethane	1.328	1.173	11.7	90	0.00
9 T	Propene	0.624	0.568	9.0	90	0.00
10 T	Heptane	1.619	1.497	7.5	93	0.00
11 T	Trichlorofluoromethane	1.345	1.187	11.7	89	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.900	0.832	7.6	92	0.00
13	Ethanol	0.122	0.110	9.8	102	0.00
14 T	Bromoethene	0.390	0.359	7.9	90	0.00
15 T	Acetone	1.205	1.011	16.1	89	0.00
16 T	1,3-Butadiene	0.610	0.559	8.4	90	0.00
17	tert-Butyl alcohol	0.875	0.744	15.0	83	0.00
18 T	1,1-Dichloroethene	0.411	0.380	7.5	89	0.00
19 T	Isopropyl Alcohol	0.813	0.682	16.1	88	0.00
20 T	Methylene Chloride	0.398	0.335	15.8	88	0.00
21 T	Allyl Chloride	0.795	0.736	7.4	89	0.00
22 T	trans-1,2-Dichloroethene	0.412	0.364	11.7	86	0.00
23 T	Vinyl Acetate	2.045	1.930	5.6	92	0.00
24 T	1,1-Dichloroethane	1.357	1.215	10.5	91	0.00
25 T	Ethyl Acetate	2.646	2.242	15.3	90	0.00
26 T	Hexane	1.176	0.989	15.9	93	0.00
27 T	Carbon Disulfide	1.062	0.998	6.0	87	0.00
28 T	Methyl tert-Butyl Ether	1.723	1.587	7.9	91	0.00
29 T	Chloroform	1.586	1.437	9.4	92	0.00
30 T	Cyclohexane	0.850	0.809	4.8	93	0.00
31 T	cis-1,2-Dichloroethene	1.126	1.046	7.1	91	0.00
32 T	1,1,1-Trichloroethane	1.499	1.362	9.1	91	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.961	0.855	11.0	92	0.00
35 T	Carbon Tetrachloride	0.780	0.686	12.1	90	0.00
36 T	Benzene	1.143	1.023	10.5	91	0.00
37 T	1,2-Dichloroethane	0.701	0.629	10.3	92	0.00
38 T	Trichloroethene	0.427	0.327	23.4	89	0.00
39 T	1,2-Dichloropropane	0.489	0.443	9.4	92	0.00
40 T	1,4-Dioxane	0.180	0.139	22.8	92	0.00
41 T	Tetrahydrofuran	0.576	0.531	7.8	91	0.00
42 T	Bromodichloromethane	0.914	0.831	9.1	89	0.00
43	Methyl Methacrylate	0.471	0.442	6.2	90	0.00
44 T	2,2,4-Trimethylpentane	2.107	1.802	14.5	93	0.00
45 T	t-1,3-Dichloropropene	0.553	0.527	4.7	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.673	0.622	7.6	86	0.00
47 T	1,1,2-Trichloroethane	0.446	0.411	7.8	93	0.00
48 T	Dibromochloromethane	0.665	0.637	4.2	91	0.00
49 T	Bromoform	0.583	0.551	5.5	90	0.00
50 T	4-Methyl-2-Pentanone	1.467	1.270	13.4	93	0.00
51 T	2-Hexanone	1.267	1.091	13.9	91	0.00
52 T	Tetrachloroethene	0.403	0.326	19.1	92	0.00
53 T	Toluene	1.264	1.144	9.5	92	0.00
54 T	1,2-Dibromoethane	0.664	0.612	7.8	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
56	1,1,1,2-Tetrachloroethane	0.429	0.395	7.9	93	0.00
57 T	Chlorobenzene	0.860	0.739	14.1	91	0.00
58 T	Ethyl Benzene	1.640	1.448	11.7	93	0.00
59 T	m/p-Xylene	1.338	1.148	14.2	91	0.00
60 T	o-Xylene	1.332	1.145	14.0	92	0.00
61 T	Styrene	0.997	0.873	12.4	89	0.00
62	Isopropylbenzene	1.734	1.502	13.4	94	0.00
63 T	1,1,2,2-Tetrachloroethane	1.086	0.841	22.6	95	0.00
64	n-propylbenzene	0.434	0.401	7.6	94	0.00
65	tert-Butylbenzene	1.496	1.274	14.8	95	0.00
66 T	Benzyl Chloride	0.552	0.545	1.3	73	0.00
67	sec-Butylbenzene	2.151	1.855	13.8	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.818	0.800	2.2	90	0.00
69	p-Isopropyltoluene	1.721	1.506	12.5	96	0.00
70	n-Butylbenzene	1.959	1.711	12.7	98	0.00
71	2-Chlorotoluene	1.416	1.252	11.6	94	0.00
72 T	4-Ethyltoluene	1.503	1.333	11.3	93	0.00
73 T	1,3,5-Trimethylbenzene	1.461	1.285	12.0	94	0.00
74 T	1,2,4-Trimethylbenzene	1.504	1.252	16.8	94	0.00
75 T	1,3-Dichlorobenzene	0.797	0.673	15.6	92	0.00
76 T	1,4-Dichlorobenzene	0.835	0.712	14.7	93	0.00
77 T	1,2-Dichlorobenzene	0.816	0.703	13.8	94	0.00
78 T	Hexachloro-1,3-Butadiene	0.557	0.455	18.3	93	0.00
79 T	Naphthalene	1.360	1.225	9.9	93	0.00
80 T	Naphthalene,2-methyl-	0.472	0.467	1.1	60	0.00
81 T	1,2,4-Trichlorobenzene	0.740	0.619	16.4	90	0.00

(#) = Out of Range

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