

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101619\
 Data File : VL034305.D
 Acq On : 16 Oct 2019 18:45
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101619

Quant Time: Oct 17 05:47:03 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	97	0.00
2 T	Dichlorodifluoromethane	1.724	1.333	22.7	107	0.00
3	Chlorodifluoromethane	1.172	1.126	3.9	97	0.00
4	Chloromethane	0.693	0.680	1.9	99	0.00
5 T	Vinyl Chloride	0.661	0.622	5.9	99	0.00
6 T	Bromomethane	0.324	0.326	-0.6	100	0.00
7	Chloroethane	0.233	0.235	-0.9	97	0.00
8 T	Dichlorotetrafluoroethane	1.494	1.392	6.8	99	0.00
9 T	Propene	0.520	0.537	-3.3	99	0.00
10 T	Heptane	1.334	1.385	-3.8	98	0.00
11 T	Trichlorofluoromethane	1.637	1.523	7.0	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.072	1.040	3.0	99	0.00
13	Ethanol	0.116	0.111	4.3	97	0.00
14 T	Bromoethene	0.422	0.446	-5.7	99	0.00
15 T	Acetone	1.430	1.164	18.6	97	0.00
16 T	1,3-Butadiene	0.581	0.593	-2.1	99	0.00
17	tert-Butyl alcohol	0.913	1.071	-17.3	97	0.00
18 T	1,1-Dichloroethene	0.470	0.478	-1.7	100	0.00
19 T	Isopropyl Alcohol	0.798	0.907	-13.7	96	0.00
20 T	Methylene Chloride	0.517	0.415	19.7	98	0.00
21 T	Allyl Chloride	0.791	0.816	-3.2	97	0.00
22 T	trans-1,2-Dichloroethene	0.468	0.477	-1.9	97	0.00
23 T	Vinyl Acetate	1.786	1.893	-6.0	99	0.00
24 T	1,1-Dichloroethane	1.326	1.311	1.1	98	0.00
25 T	Ethyl Acetate	2.415	2.341	3.1	99	0.00
26 T	Hexane	1.029	1.020	0.9	101	0.00
27 T	Carbon Disulfide	1.069	1.201	-12.3	98	0.00
28 T	Methyl tert-Butyl Ether	1.558	1.648	-5.8	101	0.00
29 T	Chloroform	1.628	1.572	3.4	98	0.00
30 T	Cyclohexane	0.757	0.806	-6.5	100	0.00
31 T	cis-1,2-Dichloroethene	1.045	1.085	-3.8	98	0.00
32 T	1,1,1-Trichloroethane	1.583	1.558	1.6	98	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
34 T	2-Butanone	0.817	0.804	1.6	99	0.00
35 T	Carbon Tetrachloride	0.871	0.815	6.4	97	0.00
36 T	Benzene	0.959	0.954	0.5	100	0.00
37 T	1,2-Dichloroethane	0.715	0.677	5.3	96	0.00
38 T	Trichloroethene	0.385	0.368	4.4	98	0.00
39 T	1,2-Dichloropropane	0.413	0.408	1.2	99	0.00
40 T	1,4-Dioxane	0.145	0.153	-5.5	97	0.01
41 T	Tetrahydrofuran	0.454	0.474	-4.4	99	0.00
42 T	Bromodichloromethane	0.876	0.875	0.1	98	0.00
43	Methyl Methacrylate	0.397	0.420	-5.8	100	0.00
44 T	2,2,4-Trimethylpentane	1.776	1.707	3.9	98	0.00
45 T	t-1,3-Dichloropropene	0.483	0.561	-16.1	98	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.555	0.628	-13.2	98	0.00
47 T	1,1,2-Trichloroethane	0.418	0.402	3.8	98	0.00
48 T	Dibromochloromethane	0.686	0.717	-4.5	97	0.00
49 T	Bromoform	0.608	0.633	-4.1	94	0.00
50 T	4-Methyl-2-Pentanone	1.170	1.179	-0.8	97	0.00
51 T	2-Hexanone	0.959	1.009	-5.2	98	0.00
52 T	Tetrachloroethene	0.376	0.354	5.9	96	0.00
53 T	Toluene	1.059	1.102	-4.1	99	0.00
54 T	1,2-Dibromoethane	0.620	0.602	2.9	97	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.01
56	1,1,1,2-Tetrachloroethane	0.461	0.430	6.7	97	0.00
57 T	Chlorobenzene	0.834	0.759	9.0	98	0.00
58 T	Ethyl Benzene	1.398	1.368	2.1	98	0.00
59 T	m/p-Xylene	1.211	1.134	6.4	97	0.00
60 T	o-Xylene	1.206	1.131	6.2	97	0.00
61 T	Styrene	0.849	0.851	-0.2	97	0.00
62	Isopropylbenzene	1.592	1.471	7.6	97	0.00
63 T	1,1,2,2-Tetrachloroethane	0.969	0.780	19.5	94	0.00
64	n-propylbenzene	0.409	0.390	4.6	97	0.01
65	tert-Butylbenzene	1.411	1.283	9.1	94	0.01
66 T	Benzyl Chloride	0.557	0.618	-11.0	90	0.00
67	sec-Butylbenzene	1.986	1.781	10.3	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.847	0.815	3.8	99	0.01
69	p-Isopropyltoluene	1.619	1.475	8.9	94	0.00
70	n-Butylbenzene	1.761	1.579	10.3	93	0.00
71	2-Chlorotoluene	1.234	1.170	5.2	95	0.01
72 T	4-Ethyltoluene	1.356	1.284	5.3	95	0.00
73 T	1,3,5-Trimethylbenzene	1.343	1.232	8.3	94	0.01
74 T	1,2,4-Trimethylbenzene	1.401	1.263	9.9	94	0.00
75 T	1,3-Dichlorobenzene	0.841	0.725	13.8	93	0.00
76 T	1,4-Dichlorobenzene	0.822	0.727	11.6	92	0.00
77 T	1,2-Dichlorobenzene	0.825	0.700	15.2	92	0.00
78 T	Hexachloro-1,3-Butadiene	0.682	0.595	12.8	102	0.00
79 T	Naphthalene	1.023	1.230	-20.2	109	0.00
80 T	Naphthalene,2-methyl-	0.296	0.376	-27.0	100	0.00
81 T	1,2,4-Trichlorobenzene	0.668	0.718	-7.5	104	0.01

(#) = Out of Range

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