

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL031519\
 Data File : VL033333.D
 Acq On : 15 Mar 2019 15:20
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031519

Quant Time: Mar 15 15:53:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
 QLast Update : Fri Mar 15 14:52:14 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	1.759	1.603	8.9	92	0.00
3	Chlorodifluoromethane	1.148	1.101	4.1	99	0.00
4	Chloromethane	0.622	0.593	4.7	100	0.00
5 T	Vinyl Chloride	0.641	0.590	8.0	102	0.00
6 T	Bromomethane	0.381	0.367	3.7	97	0.00
7	Chloroethane	0.224	0.216	3.6	101	0.00
8 T	Dichlorotetrafluoroethane	1.497	1.419	5.2	98	0.00
9 T	Propene	0.512	0.508	0.8	106	0.00
10 T	Heptane	1.271	1.305	-2.7	102	0.00
11 T	Trichlorofluoromethane	1.751	1.642	6.2	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.162	1.096	5.7	97	0.00
13	Ethanol	0.244	0.112	54.1#	104	0.00
14 T	Bromoethene	0.484	0.484	0.0	103	0.00
15 T	Acetone	1.554	1.086	30.1#	97	0.00
16 T	1,3-Butadiene	0.505	0.494	2.2	101	0.00
17	tert-Butyl alcohol	0.219	0.199	9.1	101	0.00
18 T	1,1-Dichloroethene	0.531	0.494	7.0	97	0.00
19 T	Isopropyl Alcohol	0.739	0.686	7.2	104	0.00
20 T	Methylene Chloride	0.507	0.414	18.3	97	0.00
21 T	Allyl Chloride	0.754	0.781	-3.6	100	0.00
22 T	trans-1,2-Dichloroethene	0.515	0.491	4.7	96	0.00
23 T	Vinyl Acetate	1.799	1.831	-1.8	101	0.00
24 T	1,1-Dichloroethane	1.299	1.254	3.5	99	0.00
25 T	Ethyl Acetate	2.260	2.175	3.8	100	0.00
26 T	Hexane	1.010	0.972	3.8	101	0.00
27 T	Carbon Disulfide	1.163	1.239	-6.5	99	0.00
28 T	Methyl tert-Butyl Ether	1.500	1.519	-1.3	100	0.00
29 T	Chloroform	1.654	1.635	1.1	102	0.00
30 T	Cyclohexane	0.810	0.859	-6.0	105	0.00
31 T	cis-1,2-Dichloroethene	1.010	1.039	-2.9	101	0.00
32 T	1,1,1-Trichloroethane	1.624	1.597	1.7	97	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
34 T	2-Butanone	0.657	0.590	10.2	99	0.00
35 T	Carbon Tetrachloride	0.705	0.714	-1.3	102	0.00
36 T	Benzene	0.895	0.864	3.5	101	0.00
37 T	1,2-Dichloroethane	0.566	0.523	7.6	99	0.00
38 T	Trichloroethene	0.339	0.322	5.0	100	0.00
39 T	1,2-Dichloropropane	0.335	0.326	2.7	101	0.00
40 T	1,4-Dioxane	0.118	0.113	4.2	102	0.00
41 T	Tetrahydrofuran	0.350	0.353	-0.9	101	0.00
42 T	Bromodichloromethane	0.759	0.741	2.4	98	0.00
43	Methyl Methacrylate	0.348	0.351	-0.9	100	0.00
44 T	2,2,4-Trimethylpentane	1.482	1.422	4.0	100	0.00
45 T	t-1,3-Dichloropropene	0.430	0.485	-12.8	98	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.507	0.545	-7.5	100	0.00
47 T	1,1,2-Trichloroethane	0.370	0.356	3.8	98	0.00
48 T	Dibromochloromethane	0.621	0.725	-16.7	104	0.00
49 T	Bromoform	0.589	0.642	-9.0	102	0.00
50 T	4-Methyl-2-Pentanone	0.928	0.880	5.2	98	0.00
51 T	2-Hexanone	0.716	0.804	-12.3	112	0.00
52 T	Tetrachloroethene	0.373	0.368	1.3	103	0.00
53 T	Toluene	1.017	1.156	-13.7	113	0.00
54 T	1,2-Dibromoethane	0.626	0.657	-5.0	104	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.423	5.4	102	0.00
57 T	Chlorobenzene	0.792	0.724	8.6	103	0.00
58 T	Ethyl Benzene	1.415	1.369	3.3	103	0.00
59 T	m/p-Xylene	1.216	1.138	6.4	102	0.03
60 T	o-Xylene	1.186	1.101	7.2	102	0.00
61 T	Styrene	0.830	0.830	0.0	102	0.00
62	Isopropylbenzene	1.649	1.528	7.3	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.857	0.760	11.3	102	0.00
64	n-propylbenzene	0.417	0.384	7.9	99	0.00
65	tert-Butylbenzene	1.484	1.354	8.8	99	0.00
66 T	Benzyl Chloride	0.613	0.748	-22.0	100	0.00
67	sec-Butylbenzene	2.104	1.935	8.0	99	0.00
68 S	1-Bromo-4-Fluorobenzene	0.741	0.703	5.1	100	0.00
69	p-Isopropyltoluene	1.719	1.599	7.0	99	0.00
70	n-Butylbenzene	1.833	1.702	7.1	101	0.00
71	2-Chlorotoluene	1.284	1.184	7.8	100	0.00
72 T	4-Ethyltoluene	1.347	1.258	6.6	98	0.00
73 T	1,3,5-Trimethylbenzene	1.312	1.197	8.8	98	0.00
74 T	1,2,4-Trimethylbenzene	1.390	1.250	10.1	99	0.00
75 T	1,3-Dichlorobenzene	0.819	0.722	11.8	99	0.00
76 T	1,4-Dichlorobenzene	0.793	0.724	8.7	99	0.00
77 T	1,2-Dichlorobenzene	0.776	0.704	9.3	99	0.00
78 T	Hexachloro-1,3-Butadiene	0.465	0.528	-13.5	136	0.00
79 T	Naphthalene	1.339	1.233	7.9	100	0.00
80 T	Naphthalene,2-methyl-	0.635	0.703	-10.7	112	0.00
81 T	1,2,4-Trichlorobenzene	0.683	0.617	9.7	100	0.00

(#) = Out of Range

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