

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012819\
 Data File : VL033123.D
 Acq On : 28 Jan 2019 23:10
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL012819

Quant Time: Jan 28 23:56:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012819AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 28 23:42:35 2019
 QLast Update : Mon Jan 28 23:42:35 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	101	0.00
2 T	Dichlorodifluoromethane	2.368	1.970	16.8	102	0.00
3	Chlorodifluoromethane	1.327	1.099	17.2	98	0.00
4	Chloromethane	0.721	0.618	14.3	101	0.00
5 T	Vinyl Chloride	0.823	0.633	23.1	99	0.00
6 T	Bromomethane	0.485	0.417	14.0	104	0.00
7	Chloroethane	0.281	0.235	16.4	100	0.00
8 T	Dichlorotetrafluoroethane	1.895	1.562	17.6	100	0.00
9 T	Propene	0.517	0.473	8.5	98	0.00
10 T	Heptane	1.254	1.178	6.1	99	0.00
11 T	Trichlorofluoromethane	2.018	1.646	18.4	105	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.400	1.114	20.4	103	0.00
13	Ethanol	0.185	0.110	40.5#	88	0.00
14 T	Bromoethene	0.606	0.505	16.7	100	0.00
15 T	Acetone	1.350	1.049	22.3	104	0.00
16 T	1,3-Butadiene	0.564	0.512	9.2	99	0.00
17	tert-Butyl alcohol	0.300	0.258	14.0	99	0.00
18 T	1,1-Dichloroethene	0.622	0.522	16.1	103	0.00
19 T	Isopropyl Alcohol	0.920	0.742	19.3	96	0.00
20 T	Methylene Chloride	0.613	0.449	26.8	103	0.00
21 T	Allyl Chloride	0.941	0.824	12.4	103	0.00
22 T	trans-1,2-Dichloroethene	0.624	0.520	16.7	101	0.00
23 T	Vinyl Acetate	1.909	1.744	8.6	100	0.00
24 T	1,1-Dichloroethane	1.546	1.313	15.1	102	0.00
25 T	Ethyl Acetate	2.402	2.106	12.3	102	0.00
26 T	Hexane	1.152	0.977	15.2	102	0.00
27 T	Carbon Disulfide	1.504	1.313	12.7	102	0.00
28 T	Methyl tert-Butyl Ether	1.808	1.635	9.6	100	0.00
29 T	Chloroform	1.898	1.625	14.4	104	0.00
30 T	Cyclohexane	0.865	0.840	2.9	98	0.00
31 T	cis-1,2-Dichloroethene	1.052	1.000	4.9	102	0.00
32 T	1,1,1-Trichloroethane	2.456	1.630	33.6#	102	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
34 T	2-Butanone	0.567	0.524	7.6	101	0.00
35 T	Carbon Tetrachloride	0.916	0.701	23.5	100	0.00
36 T	Benzene	0.882	0.776	12.0	99	0.00
37 T	1,2-Dichloroethane	0.581	0.472	18.8	100	0.00
38 T	Trichloroethene	0.359	0.321	10.6	99	0.00
39 T	1,2-Dichloropropane	0.311	0.290	6.8	99	0.00
40 T	1,4-Dioxane	0.119	0.101	15.1	92	0.00
41 T	Tetrahydrofuran	0.319	0.298	6.6	99	0.00
42 T	Bromodichloromethane	0.771	0.685	11.2	101	0.00
43	Methyl Methacrylate	0.309	0.310	-0.3	99	0.00
44 T	2,2,4-Trimethylpentane	1.394	1.296	7.0	100	0.00
45 T	t-1,3-Dichloropropene	0.379	0.428	-12.9	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.453	0.492	-8.6	101	0.00
47 T	1,1,2-Trichloroethane	0.360	0.325	9.7	98	0.00
48 T	Dibromochloromethane	0.636	0.604	5.0	100	0.00
49 T	Bromoform	0.531	0.512	3.6	98	0.00
50 T	4-Methyl-2-Pentanone	0.757	0.732	3.3	100	0.00
51 T	2-Hexanone	0.528	0.554	-4.9	98	0.00
52 T	Tetrachloroethene	0.293	0.282	3.8	98	0.00
53 T	Toluene	0.882	0.910	-3.2	100	0.00
54 T	1,2-Dibromoethane	0.517	0.504	2.5	99	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	0.494	0.421	14.8	98	0.00
57 T	Chlorobenzene	0.800	0.710	11.3	99	0.00
58 T	Ethyl Benzene	1.179	1.242	-5.3	99	0.00
59 T	m/p-Xylene	1.092	1.057	3.2	99	0.00
60 T	o-Xylene	1.132	1.034	8.7	101	0.00
61 T	Styrene	0.723	0.772	-6.8	99	0.00
62	Isopropylbenzene	1.604	1.461	8.9	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.902	0.707	21.6	101	0.00
64	n-propylbenzene	0.389	0.345	11.3	101	0.00
65	tert-Butylbenzene	1.347	1.169	13.2	100	0.00
66 T	Benzyl Chloride	0.725	0.705	2.8	99	0.00
67	sec-Butylbenzene	1.934	1.667	13.8	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.756	0.742	1.9	96	0.00
69	p-Isopropyltoluene	1.651	1.363	17.4	71	0.00
70	n-Butylbenzene	1.500	1.332	11.2	100	0.00
71	2-Chlorotoluene	1.094	0.995	9.0	94	0.00
72 T	4-Ethyltoluene	1.191	1.092	8.3	92	0.00
73 T	1,3,5-Trimethylbenzene	1.165	1.024	12.1	91	0.00
74 T	1,2,4-Trimethylbenzene	1.234	1.063	13.9	102	0.00
75 T	1,3-Dichlorobenzene	0.745	0.595	20.1	100	0.00
76 T	1,4-Dichlorobenzene	0.687	0.592	13.8	99	0.00
77 T	1,2-Dichlorobenzene	0.749	0.584	22.0	72	0.00
78 T	Hexachloro-1,3-Butadiene	0.439	0.379	13.7	149	0.00
79 T	Naphthalene	0.759	0.870	-14.6	100	0.00
80 T	Naphthalene,2-methyl-	0.189	0.321	-69.8#	99	0.00
81 T	1,2,4-Trichlorobenzene	0.387	0.421	-8.8	100	0.00

(#) = Out of Range

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