

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021319\
 Data File : VL033185.D
 Acq On : 13 Feb 2019 12:14
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 14 04:36:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 06 09:13:11 2019
 QLast Update : Wed Feb 06 09:13:11 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	111	0.00
2 T	Dichlorodifluoromethane	1.912	1.817	5.0	113	0.00
3	Chlorodifluoromethane	1.204	1.110	7.8	111	0.00
4	Chloromethane	0.636	0.604	5.0	112	0.00
5 T	Vinyl Chloride	0.664	0.587	11.6	114	0.00
6 T	Bromomethane	0.365	0.356	2.5	114	0.00
7	Chloroethane	0.217	0.217	0.0	118	0.00
8 T	Dichlorotetrafluoroethane	1.495	1.372	8.2	114	0.00
9 T	Propene	0.582	0.524	10.0	111	0.00
10 T	Heptane	1.760	1.388	21.1	98	0.00
11 T	Trichlorofluoromethane	1.548	1.466	5.3	114	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.073	0.973	9.3	109	0.00
13	Ethanol	0.194	0.110	43.3#	95	0.00
14 T	Bromoethene	0.463	0.459	0.9	117	0.00
15 T	Acetone	1.127	0.996	11.6	115	0.00
16 T	1,3-Butadiene	0.535	0.481	10.1	108	0.00
17	tert-Butyl alcohol	0.215	0.240	-11.6	128	0.00
18 T	1,1-Dichloroethene	0.480	0.451	6.0	109	0.00
19 T	Isopropyl Alcohol	0.764	0.733	4.1	125	0.00
20 T	Methylene Chloride	0.448	0.391	12.7	112	0.00
21 T	Allyl Chloride	0.744	0.726	2.4	110	0.00
22 T	trans-1,2-Dichloroethene	0.466	0.449	3.6	112	0.00
23 T	Vinyl Acetate	1.953	1.862	4.7	112	0.00
24 T	1,1-Dichloroethane	1.381	1.262	8.6	113	0.00
25 T	Ethyl Acetate	2.533	2.184	13.8	113	0.00
26 T	Hexane	1.189	1.000	15.9	114	0.00
27 T	Carbon Disulfide	1.089	1.120	-2.8	111	0.00
28 T	Methyl tert-Butyl Ether	1.625	1.554	4.4	116	0.00
29 T	Chloroform	1.822	1.614	11.4	113	0.00
30 T	Cyclohexane	1.103	0.886	19.7	98	0.00
31 T	cis-1,2-Dichloroethene	1.190	1.055	11.3	112	0.00
32 T	1,1,1-Trichloroethane	2.007	1.638	18.4	118	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
34 T	2-Butanone	0.634	0.594	6.3	110	0.00
35 T	Carbon Tetrachloride	0.764	0.670	12.3	101	0.00
36 T	Benzene	1.013	0.880	13.1	110	0.00
37 T	1,2-Dichloroethane	0.562	0.505	10.1	117	0.00
38 T	Trichloroethene	0.434	0.321	26.0	100	0.00
39 T	1,2-Dichloropropane	0.400	0.346	13.5	100	0.00
40 T	1,4-Dioxane	0.145	0.115	20.7	99	0.00
41 T	Tetrahydrofuran	0.393	0.359	8.7	113	0.00
42 T	Bromodichloromethane	0.814	0.733	10.0	101	0.00
43	Methyl Methacrylate	0.407	0.363	10.8	99	0.00
44 T	2,2,4-Trimethylpentane	1.717	1.439	16.2	100	0.00
45 T	t-1,3-Dichloropropene	0.452	0.469	-3.8	98	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.576	0.546	5.2	99	0.00
47 T	1,1,2-Trichloroethane	0.415	0.354	14.7	98	0.00
48 T	Dibromochloromethane	0.654	0.630	3.7	103	0.00
49 T	Bromoform	0.563	0.533	5.3	99	0.00
50 T	4-Methyl-2-Pentanone	1.017	0.888	12.7	99	0.00
51 T	2-Hexanone	0.802	0.730	9.0	100	0.00
52 T	Tetrachloroethene	0.389	0.312	19.8	99	0.00
53 T	Toluene	1.200	1.058	11.8	101	0.00
54 T	1,2-Dibromoethane	0.651	0.567	12.9	99	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
56	1,1,1,2-Tetrachloroethane	0.459	0.404	12.0	97	0.00
57 T	Chlorobenzene	0.873	0.698	20.0	94	0.00
58 T	Ethyl Benzene	1.618	1.353	16.4	96	0.00
59 T	m/p-Xylene	1.351	1.124	16.8	97	0.00
60 T	o-Xylene	1.313	1.076	18.1	98	0.00
61 T	Styrene	0.991	0.841	15.1	95	0.00
62	Isopropylbenzene	1.853	1.569	15.3	99	0.00
63 T	1,1,2,2-Tetrachloroethane	1.032	0.743	28.0	98	0.00
64	n-propylbenzene	0.471	0.402	14.6	98	0.00
65	tert-Butylbenzene	1.613	1.347	16.5	98	0.00
66 T	Benzyl Chloride	0.573	0.714	-24.6	99	0.00
67	sec-Butylbenzene	2.342	1.909	18.5	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.772	-0.3	98	0.00
69	p-Isopropyltoluene	1.951	1.576	19.2	96	0.00
70	n-Butylbenzene	2.105	1.676	20.4	95	0.00
71	2-Chlorotoluene	1.456	1.231	15.5	98	0.00
72 T	4-Ethyltoluene	1.514	1.302	14.0	98	0.00
73 T	1,3,5-Trimethylbenzene	1.448	1.248	13.8	98	0.00
74 T	1,2,4-Trimethylbenzene	1.503	1.219	18.9	96	0.00
75 T	1,3-Dichlorobenzene	0.867	0.695	19.8	94	0.00
76 T	1,4-Dichlorobenzene	0.858	0.714	16.8	95	0.00
77 T	1,2-Dichlorobenzene	0.856	0.698	18.5	95	0.00
78 T	Hexachloro-1,3-Butadiene	0.426	0.523	-22.8	156#	0.00
79 T	Naphthalene	1.614	1.251	22.5	90	0.00
80 T	Naphthalene,2-methyl-	0.817	0.503	38.4#	78	0.00
81 T	1,2,4-Trichlorobenzene	0.820	0.621	24.3	90	0.00

(#) = Out of Range

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