

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033231.D
 Acq On : 15 Feb 2019 14:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 16 05:45:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	82	0.00
2 T	Dichlorodifluoromethane	1.912	1.872	2.1	85	0.00
3	Chlorodifluoromethane	1.204	1.189	1.2	87	0.00
4	Chloromethane	0.636	0.623	2.0	85	0.00
5 T	Vinyl Chloride	0.664	0.600	9.6	86	0.00
6 T	Bromomethane	0.365	0.366	-0.3	87	0.00
7	Chloroethane	0.217	0.226	-4.1	91	0.00
8 T	Dichlorotetrafluoroethane	1.495	1.464	2.1	90	0.00
9 T	Propene	0.582	0.522	10.3	81	0.00
10 T	Heptane	1.760	1.558	11.5	81	0.00
11 T	Trichlorofluoromethane	1.548	1.612	-4.1	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.073	1.057	1.5	87	0.00
13	Ethanol	0.194	0.114	41.2#	72	0.00
14 T	Bromoethene	0.463	0.462	0.2	87	0.00
15 T	Acetone	1.127	1.053	6.6	90	0.00
16 T	1,3-Butadiene	0.535	0.530	0.9	87	0.00
17	tert-Butyl alcohol	0.215	0.195	9.3	76	0.00
18 T	1,1-Dichloroethene	0.480	0.467	2.7	83	0.00
19 T	Isopropyl Alcohol	0.764	0.657	14.0	82	0.00
20 T	Methylene Chloride	0.448	0.400	10.7	84	0.00
21 T	Allyl Chloride	0.744	0.747	-0.4	84	0.00
22 T	trans-1,2-Dichloroethene	0.466	0.563	-20.8	103	0.00
23 T	Vinyl Acetate	1.953	2.235	-14.4	99	0.00
24 T	1,1-Dichloroethane	1.381	1.519	-10.0	100	0.00
25 T	Ethyl Acetate	2.533	2.586	-2.1	99	0.00
26 T	Hexane	1.189	1.136	4.5	95	0.00
27 T	Carbon Disulfide	1.089	1.177	-8.1	86	0.00
28 T	Methyl tert-Butyl Ether	1.625	1.732	-6.6	95	0.00
29 T	Chloroform	1.822	1.885	-3.5	97	0.00
30 T	Cyclohexane	1.103	0.948	14.1	77	0.00
31 T	cis-1,2-Dichloroethene	1.190	1.222	-2.7	95	0.00
32 T	1,1,1-Trichloroethane	2.007	1.862	7.2	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	64	0.00
34 T	2-Butanone	0.634	0.791	-24.8	96	0.00
35 T	Carbon Tetrachloride	0.764	0.872	-14.1	86	0.00
36 T	Benzene	1.013	1.051	-3.8	86	0.00
37 T	1,2-Dichloroethane	0.562	0.674	-19.9	102	0.00
38 T	Trichloroethene	0.434	0.393	9.4	80	0.00
39 T	1,2-Dichloropropane	0.400	0.412	-3.0	78	0.00
40 T	1,4-Dioxane	0.145	0.138	4.8	78	0.00
41 T	Tetrahydrofuran	0.393	0.443	-12.7	91	0.00
42 T	Bromodichloromethane	0.814	0.944	-16.0	85	0.00
43	Methyl Methacrylate	0.407	0.446	-9.6	80	0.00
44 T	2,2,4-Trimethylpentane	1.717	1.813	-5.6	83	0.00
45 T	t-1,3-Dichloropropene	0.452	0.590	-30.5#	80	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.576	0.666	-15.6	79	0.00
47 T	1,1,2-Trichloroethane	0.415	0.435	-4.8	79	0.00
48 T	Dibromochloromethane	0.654	0.791	-20.9	85	0.00
49 T	Bromoform	0.563	0.703	-24.9	86	0.00
50 T	4-Methyl-2-Pentanone	1.017	1.138	-11.9	83	0.00
51 T	2-Hexanone	0.802	0.907	-13.1	82	0.00
52 T	Tetrachloroethene	0.389	0.383	1.5	80	0.00
53 T	Toluene	1.200	1.240	-3.3	77	0.00
54 T	1,2-Dibromoethane	0.651	0.713	-9.5	82	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	66	0.00
56	1,1,1,2-Tetrachloroethane	0.459	0.501	-9.2	85	0.00
57 T	Chlorobenzene	0.873	0.846	3.1	81	0.00
58 T	Ethyl Benzene	1.618	1.607	0.7	80	0.00
59 T	m/p-Xylene	1.351	1.337	1.0	82	0.00
60 T	o-Xylene	1.313	1.325	-0.9	85	0.00
61 T	Styrene	0.991	0.987	0.4	79	0.00
62	Isopropylbenzene	1.853	1.846	0.4	82	0.00
63 T	1,1,2,2-Tetrachloroethane	1.032	0.927	10.2	86	0.00
64	n-propylbenzene	0.471	0.468	0.6	81	0.00
65	tert-Butylbenzene	1.613	1.635	-1.4	84	0.00
66 T	Benzyl Chloride	0.573	0.850	-48.3#	83	0.00
67	sec-Butylbenzene	2.342	2.348	-0.3	84	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.765	0.6	69	0.00
69	p-Isopropyltoluene	1.951	1.952	-0.1	84	0.00
70	n-Butylbenzene	2.105	2.122	-0.8	85	0.00
71	2-Chlorotoluene	1.456	1.454	0.1	82	0.00
72 T	4-Ethyltoluene	1.514	1.539	-1.7	82	0.00
73 T	1,3,5-Trimethylbenzene	1.448	1.476	-1.9	82	0.00
74 T	1,2,4-Trimethylbenzene	1.503	1.513	-0.7	85	0.00
75 T	1,3-Dichlorobenzene	0.867	0.859	0.9	83	0.00
76 T	1,4-Dichlorobenzene	0.858	0.871	-1.5	82	0.00
77 T	1,2-Dichlorobenzene	0.856	0.859	-0.4	83	0.00
78 T	Hexachloro-1,3-Butadiene	0.426	0.682	-60.1#	144	0.00
79 T	Naphthalene	1.614	1.622	-0.5	83	0.00
80 T	Naphthalene,2-methyl-	0.817	0.757	7.3	83	0.00
81 T	1,2,4-Trichlorobenzene	0.820	0.802	2.2	83	0.00

(#) = Out of Range

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