

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL032919\
 Data File : VL033529.D
 Acq On : 30 Mar 2019 8:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 31 01:08:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
 QLast Update : Tue Mar 26 16:00:50 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	100	0.00
2 T	Dichlorodifluoromethane	1.458	2.166	-48.6#	178#	0.00
3	Chlorodifluoromethane	1.151	1.320	-14.7	124	0.00
4	Chloromethane	0.609	0.710	-16.6	124	0.00
5 T	Vinyl Chloride	0.599	0.726	-21.2	128	0.00
6 T	Bromomethane	0.385	0.456	-18.4	126	0.00
7	Chloroethane	0.223	0.260	-16.6	123	0.00
8 T	Dichlorotetrafluoroethane	1.554	1.863	-19.9	131	0.00
9 T	Propene	0.483	0.539	-11.6	116	0.00
10 T	Heptane	1.292	1.434	-11.0	117	0.00
11 T	Trichlorofluoromethane	1.797	2.079	-15.7	126	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.207	1.387	-14.9	125	0.00
13	Ethanol	0.125	0.139	-11.2	111	0.00
14 T	Bromoethene	0.482	0.556	-15.4	119	0.00
15 T	Acetone	1.202	1.299	-8.1	127	0.00
16 T	1,3-Butadiene	0.477	0.613	-28.5	118	0.00
17	tert-Butyl alcohol	0.221	0.225	-1.8	105	0.00
18 T	1,1-Dichloroethene	0.519	0.608	-17.1	124	0.00
19 T	Isopropyl Alcohol	0.761	0.791	-3.9	110	0.00
20 T	Methylene Chloride	0.510	0.535	-4.9	127	0.00
21 T	Allyl Chloride	0.760	0.924	-21.6	123	0.00
22 T	trans-1,2-Dichloroethene	0.541	0.652	-20.5	128	0.00
23 T	Vinyl Acetate	1.711	2.048	-19.7	119	0.00
24 T	1,1-Dichloroethane	1.300	1.461	-12.4	120	0.00
25 T	Ethyl Acetate	2.231	2.540	-13.9	122	0.00
26 T	Hexane	0.992	1.126	-13.5	123	0.00
27 T	Carbon Disulfide	1.180	1.506	-27.6	122	0.00
28 T	Methyl tert-Butyl Ether	1.429	1.704	-19.2	118	0.00
29 T	Chloroform	1.700	1.927	-13.4	123	0.00
30 T	Cyclohexane	0.785	0.922	-17.5	118	0.00
31 T	cis-1,2-Dichloroethene	0.986	1.177	-19.4	120	0.00
32 T	1,1,1-Trichloroethane	1.619	1.938	-19.7	122	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
34 T	2-Butanone	0.601	0.701	-16.6	117	0.00
35 T	Carbon Tetrachloride	0.708	0.901	-27.3	123	0.00
36 T	Benzene	0.839	0.980	-16.8	117	0.00
37 T	1,2-Dichloroethane	0.562	0.651	-15.8	120	0.00
38 T	Trichloroethene	0.316	0.401	-26.9	119	0.00
39 T	1,2-Dichloropropane	0.329	0.374	-13.7	116	0.00
40 T	1,4-Dioxane	0.117	0.130	-11.1	111	0.00
41 T	Tetrahydrofuran	0.330	0.388	-17.6	114	0.00
42 T	Bromodichloromethane	0.766	0.914	-19.3	118	0.00
43	Methyl Methacrylate	0.341	0.411	-20.5	117	0.00
44 T	2,2,4-Trimethylpentane	1.466	1.688	-15.1	118	0.00
45 T	t-1,3-Dichloropropene	0.418	0.559	-33.7#	113	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.488	0.626	-28.3	115	0.00
47 T	1,1,2-Trichloroethane	0.373	0.421	-12.9	116	0.00
48 T	Dibromochloromethane	0.630	0.791	-25.6	118	0.00
49 T	Bromoform	0.601	0.733	-22.0	90	0.00
50 T	4-Methyl-2-Pentanone	0.880	1.034	-17.5	116	0.00
51 T	2-Hexanone	0.656	0.825	-25.8	116	0.00
52 T	Tetrachloroethene	0.317	0.398	-25.6	118	0.00
53 T	Toluene	0.975	1.199	-23.0	116	0.00
54 T	1,2-Dibromoethane	0.584	0.689	-18.0	116	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.458	0.557	-21.6	119	0.00
57 T	Chlorobenzene	0.776	0.919	-18.4	118	0.00
58 T	Ethyl Benzene	1.335	1.694	-26.9	117	0.00
59 T	m/p-Xylene	1.193	1.455	-22.0	106	0.00
60 T	o-Xylene	1.153	1.442	-25.1	118	0.00
61 T	Styrene	0.792	1.043	-31.7#	115	0.00
62	Isopropylbenzene	1.633	1.995	-22.2	115	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	1.005	-18.4	119	0.00
64	n-propylbenzene	0.414	0.512	-23.7	114	0.00
65	tert-Butylbenzene	1.439	1.834	-27.4	120	0.00
66 T	Benzyl Chloride	0.669	1.044	-56.1#	119	0.00
67	sec-Butylbenzene	2.047	2.603	-27.2	120	0.00
68 S	1-Bromo-4-Fluorobenzene	0.784	0.793	-1.1	94	0.00
69	p-Isopropyltoluene	1.667	2.172	-30.3#	119	0.00
70	n-Butylbenzene	1.766	2.295	-30.0	119	0.00
71	2-Chlorotoluene	1.242	1.537	-23.8	113	0.00
72 T	4-Ethyltoluene	1.297	1.668	-28.6	117	0.00
73 T	1,3,5-Trimethylbenzene	1.241	1.614	-30.1#	120	0.00
74 T	1,2,4-Trimethylbenzene	1.330	1.695	-27.4	121	0.00
75 T	1,3-Dichlorobenzene	0.822	0.997	-21.3	121	0.00
76 T	1,4-Dichlorobenzene	0.801	0.991	-23.7	118	0.00
77 T	1,2-Dichlorobenzene	0.780	0.980	-25.6	119	0.00
78 T	Hexachloro-1,3-Butadiene	0.516	0.737	-42.8#	163#	0.00
79 T	Naphthalene	1.138	1.625	-42.8#	115	0.00
80 T	Naphthalene,2-methyl-	0.382	0.683	-78.8#	110	0.00
81 T	1,2,4-Trichlorobenzene	0.631	0.838	-32.8#	117	0.00

(#) = Out of Range

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