

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032119\
 Data File : VL033432.D
 Acq On : 22 Mar 2019 14:21
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 23 03:32:56 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	98	0.00
2 T	Dichlorodifluoromethane	1.759	1.076	38.8#	62	0.00
3	Chlorodifluoromethane	1.148	1.105	3.7	99	0.00
4	Chloromethane	0.622	0.594	4.5	101	0.00
5 T	Vinyl Chloride	0.641	0.592	7.6	103	0.00
6 T	Bromomethane	0.381	0.377	1.0	100	0.00
7	Chloroethane	0.224	0.240	-7.1	113	0.00
8 T	Dichlorotetrafluoroethane	1.497	1.459	2.5	101	0.00
9 T	Propene	0.512	0.468	8.6	98	0.00
10 T	Heptane	1.271	1.489	-17.2	117	0.00
11 T	Trichlorofluoromethane	1.751	2.025	-15.6	119	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.162	1.315	-13.2	117	0.00
13	Ethanol	0.244	0.114	53.3#	106	0.00
14 T	Bromoethene	0.484	0.544	-12.4	116	0.00
15 T	Acetone	1.554	1.256	19.2	113	0.00
16 T	1,3-Butadiene	0.505	0.480	5.0	98	0.00
17	tert-Butyl alcohol	0.219	0.251	-14.6	128	0.00
18 T	1,1-Dichloroethene	0.531	0.584	-10.0	116	0.00
19 T	Isopropyl Alcohol	0.739	0.829	-12.2	126	0.00
20 T	Methylene Chloride	0.507	0.498	1.8	118	0.00
21 T	Allyl Chloride	0.754	0.885	-17.4	114	0.00
22 T	trans-1,2-Dichloroethene	0.515	0.600	-16.5	118	0.00
23 T	Vinyl Acetate	1.799	1.981	-10.1	110	0.00
24 T	1,1-Dichloroethane	1.299	1.409	-8.5	112	0.00
25 T	Ethyl Acetate	2.260	2.376	-5.1	110	0.00
26 T	Hexane	1.010	1.056	-4.6	111	0.00
27 T	Carbon Disulfide	1.163	1.435	-23.4	115	0.00
28 T	Methyl tert-Butyl Ether	1.500	1.655	-10.3	110	0.00
29 T	Chloroform	1.654	1.803	-9.0	113	0.00
30 T	Cyclohexane	0.810	0.937	-15.7	116	0.00
31 T	cis-1,2-Dichloroethene	1.010	1.092	-8.1	107	0.00
32 T	1,1,1-Trichloroethane	1.624	1.881	-15.8	114	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
34 T	2-Butanone	0.657	0.643	2.1	110	0.00
35 T	Carbon Tetrachloride	0.705	0.818	-16.0	119	0.00
36 T	Benzene	0.895	0.946	-5.7	113	0.00
37 T	1,2-Dichloroethane	0.566	0.601	-6.2	116	0.00
38 T	Trichloroethene	0.339	0.377	-11.2	120	0.00
39 T	1,2-Dichloropropane	0.335	0.362	-8.1	114	0.00
40 T	1,4-Dioxane	0.118	0.121	-2.5	112	0.00
41 T	Tetrahydrofuran	0.350	0.375	-7.1	109	0.00
42 T	Bromodichloromethane	0.759	0.857	-12.9	116	0.00
43	Methyl Methacrylate	0.348	0.392	-12.6	114	0.00
44 T	2,2,4-Trimethylpentane	1.482	1.623	-9.5	117	0.00
45 T	t-1,3-Dichloropropene	0.430	0.522	-21.4	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.507	0.590	-16.4	111	0.00
47 T	1,1,2-Trichloroethane	0.370	0.397	-7.3	112	0.00
48 T	Dibromochloromethane	0.621	0.728	-17.2	106	0.00
49 T	Bromoform	0.589	0.643	-9.2	104	0.00
50 T	4-Methyl-2-Pentanone	0.928	0.967	-4.2	110	0.00
51 T	2-Hexanone	0.716	0.765	-6.8	109	0.00
52 T	Tetrachloroethene	0.373	0.361	3.2	104	0.00
53 T	Toluene	1.017	1.119	-10.0	112	0.00
54 T	1,2-Dibromoethane	0.626	0.642	-2.6	103	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.482	-7.8	105	0.00
57 T	Chlorobenzene	0.792	0.797	-0.6	103	0.00
58 T	Ethyl Benzene	1.415	1.503	-6.2	102	0.00
59 T	m/p-Xylene	1.216	1.268	-4.3	104	0.03
60 T	o-Xylene	1.186	1.263	-6.5	106	0.00
61 T	Styrene	0.830	0.920	-10.8	103	0.00
62	Isopropylbenzene	1.649	1.752	-6.2	105	0.00
63 T	1,1,2,2-Tetrachloroethane	0.857	0.863	-0.7	105	0.00
64	n-propylbenzene	0.417	0.445	-6.7	104	0.00
65	tert-Butylbenzene	1.484	1.574	-6.1	105	0.00
66 T	Benzyl Chloride	0.613	0.803	-31.0#	97	0.00
67	sec-Butylbenzene	2.104	2.228	-5.9	104	0.00
68 S	1-Bromo-4-Fluorobenzene	0.741	0.756	-2.0	98	0.00
69	p-Isopropyltoluene	1.719	1.846	-7.4	103	0.00
70	n-Butylbenzene	1.833	1.936	-5.6	104	0.00
71	2-Chlorotoluene	1.284	1.347	-4.9	103	0.00
72 T	4-Ethyltoluene	1.347	1.458	-8.2	103	0.00
73 T	1,3,5-Trimethylbenzene	1.312	1.396	-6.4	103	0.00
74 T	1,2,4-Trimethylbenzene	1.390	1.445	-4.0	104	0.00
75 T	1,3-Dichlorobenzene	0.819	0.833	-1.7	104	0.00
76 T	1,4-Dichlorobenzene	0.793	0.825	-4.0	103	0.00
77 T	1,2-Dichlorobenzene	0.776	0.810	-4.4	104	0.00
78 T	Hexachloro-1,3-Butadiene	0.465	0.568	-22.2	133	0.00
79 T	Naphthalene	1.339	1.302	2.8	96	0.00
80 T	Naphthalene,2-methyl-	0.635	0.546	14.0	79	0.00
81 T	1,2,4-Trichlorobenzene	0.683	0.682	0.1	100	0.00

(#) = Out of Range

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