

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030819\
 Data File : VL033270.D
 Acq On : 9 Mar 2019 00:02
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 09 05:11:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030819AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Mar 09 03:32:03 2019
 QLast Update : Sat Mar 09 03:32:03 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	1.891	1.799	4.9	96	0.00
3	Chlorodifluoromethane	1.134	1.092	3.7	98	0.00
4	Chloromethane	0.591	0.575	2.7	98	0.00
5 T	Vinyl Chloride	0.593	0.564	4.9	97	0.00
6 T	Bromomethane	0.364	0.357	1.9	99	0.00
7	Chloroethane	0.214	0.218	-1.9	102	0.00
8 T	Dichlorotetrafluoroethane	1.478	1.384	6.4	98	0.00
9 T	Propene	0.500	0.480	4.0	96	0.00
10 T	Heptane	1.367	1.284	6.1	86	0.00
11 T	Trichlorofluoromethane	1.651	1.663	-0.7	105	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.085	1.091	-0.6	104	0.00
13	Ethanol	0.145	0.098	32.4#	101	0.00
14 T	Bromoethene	0.445	0.445	0.0	100	0.00
15 T	Acetone	1.187	1.148	3.3	112	0.00
16 T	1,3-Butadiene	0.492	0.456	7.3	87	0.00
17	tert-Butyl alcohol	0.194	0.173	10.8	93	0.00
18 T	1,1-Dichloroethene	0.475	0.475	0.0	101	0.00
19 T	Isopropyl Alcohol	0.713	0.619	13.2	94	0.00
20 T	Methylene Chloride	0.487	0.410	15.8	101	0.00
21 T	Allyl Chloride	0.713	0.758	-6.3	104	0.00
22 T	trans-1,2-Dichloroethene	0.487	0.504	-3.5	108	0.00
23 T	Vinyl Acetate	1.700	1.837	-8.1	106	0.00
24 T	1,1-Dichloroethane	1.248	1.242	0.5	103	0.00
25 T	Ethyl Acetate	2.266	2.097	7.5	99	0.00
26 T	Hexane	1.068	0.933	12.6	98	0.00
27 T	Carbon Disulfide	1.081	1.243	-15.0	104	0.00
28 T	Methyl tert-Butyl Ether	1.372	1.396	-1.7	101	0.00
29 T	Chloroform	1.630	1.547	5.1	99	0.00
30 T	Cyclohexane	0.827	0.782	5.4	86	0.00
31 T	cis-1,2-Dichloroethene	1.011	0.989	2.2	99	0.00
32 T	1,1,1-Trichloroethane	1.539	1.526	0.8	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
34 T	2-Butanone	0.605	0.613	-1.3	98	0.00
35 T	Carbon Tetrachloride	0.679	0.708	-4.3	94	0.00
36 T	Benzene	0.861	0.864	-0.3	100	0.00
37 T	1,2-Dichloroethane	0.554	0.536	3.2	99	0.00
38 T	Trichloroethene	0.334	0.326	2.4	87	0.00
39 T	1,2-Dichloropropane	0.338	0.331	2.1	86	0.00
40 T	1,4-Dioxane	0.125	0.109	12.8	81	0.00
41 T	Tetrahydrofuran	0.342	0.354	-3.5	99	0.00
42 T	Bromodichloromethane	0.755	0.762	-0.9	87	0.00
43	Methyl Methacrylate	0.346	0.355	-2.6	86	0.00
44 T	2,2,4-Trimethylpentane	1.530	1.471	3.9	87	0.00
45 T	t-1,3-Dichloropropene	0.419	0.482	-15.0	89	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.494	0.535	-8.3	86	0.00
47 T	1,1,2-Trichloroethane	0.363	0.355	2.2	88	0.00
48 T	Dibromochloromethane	0.595	0.639	-7.4	90	0.00
49 T	Bromoform	0.529	0.634	-19.8	109	0.00
50 T	4-Methyl-2-Pentanone	0.915	0.904	1.2	87	0.00
51 T	2-Hexanone	0.682	0.726	-6.5	89	0.00
52 T	Tetrachloroethene	0.321	0.357	-11.2	101	0.00
53 T	Toluene	0.986	1.025	-4.0	89	0.00
54 T	1,2-Dibromoethane	0.568	0.567	0.2	90	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
56	1,1,1,2-Tetrachloroethane	0.419	0.402	4.1	104	0.00
57 T	Chlorobenzene	0.733	0.682	7.0	104	0.00
58 T	Ethyl Benzene	1.353	1.313	3.0	104	0.00
59 T	m/p-Xylene	1.225	1.089	11.1	104	0.00
60 T	o-Xylene	1.186	1.065	10.2	106	0.00
61 T	Styrene	0.807	0.791	2.0	107	0.00
62	Isopropylbenzene	1.584	1.488	6.1	106	0.00
63 T	1,1,2,2-Tetrachloroethane	0.763	0.725	5.0	111	0.00
64	n-propylbenzene	0.387	0.374	3.4	106	0.00
65	tert-Butylbenzene	1.332	1.284	3.6	108	0.00
66 T	Benzyl Chloride	0.499	0.655	-31.3#	109	0.00
67	sec-Butylbenzene	1.894	1.826	3.6	106	0.00
68 S	1-Bromo-4-Fluorobenzene	0.803	0.764	4.9	103	0.00
69	p-Isopropyltoluene	1.537	1.492	2.9	104	0.00
70	n-Butylbenzene	1.666	1.561	6.3	101	0.00
71	2-Chlorotoluene	1.185	1.152	2.8	107	0.00
72 T	4-Ethyltoluene	1.235	1.223	1.0	106	0.00
73 T	1,3,5-Trimethylbenzene	1.177	1.167	0.8	107	0.00
74 T	1,2,4-Trimethylbenzene	1.224	1.181	3.5	106	0.00
75 T	1,3-Dichlorobenzene	0.724	0.671	7.3	104	0.00
76 T	1,4-Dichlorobenzene	0.709	0.672	5.2	104	0.00
77 T	1,2-Dichlorobenzene	0.697	0.644	7.6	103	0.00
78 T	Hexachloro-1,3-Butadiene	0.528	0.515	2.5	113	0.00
79 T	Naphthalene	1.335	1.259	5.7	77	0.00
80 T	Naphthalene,2-methyl-	0.327	0.693	-111.9#	107	0.00
81 T	1,2,4-Trichlorobenzene	0.688	0.599	12.9	80	0.00

(#) = Out of Range

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