

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL041719\
 Data File : VL033609.D
 Acq On : 17 Apr 2019 19:27
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 18 07:00:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue 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	104	0.00
2 T	Dichlorodifluoromethane	1.458	1.058	27.4	90	0.00
3	Chlorodifluoromethane	1.151	1.012	12.1	99	0.00
4	Chloromethane	0.609	0.538	11.7	97	0.00
5 T	Vinyl Chloride	0.599	0.552	7.8	101	0.00
6 T	Bromomethane	0.385	0.350	9.1	101	0.00
7	Chloroethane	0.223	0.201	9.9	99	0.00
8 T	Dichlorotetrafluoroethane	1.554	1.385	10.9	101	0.00
9 T	Propene	0.483	0.426	11.8	95	0.00
10 T	Heptane	1.292	1.296	-0.3	110	0.00
11 T	Trichlorofluoromethane	1.797	1.645	8.5	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.207	1.124	6.9	105	0.00
13	Ethanol	0.125	0.129	-3.2	107	0.00
14 T	Bromoethene	0.482	0.437	9.3	97	0.00
15 T	Acetone	1.202	1.040	13.5	106	0.00
16 T	1,3-Butadiene	0.477	0.446	6.5	89	0.00
17	tert-Butyl alcohol	0.221	0.209	5.4	102	0.00
18 T	1,1-Dichloroethene	0.519	0.478	7.9	101	0.00
19 T	Isopropyl Alcohol	0.761	0.752	1.2	108	0.00
20 T	Methylene Chloride	0.510	0.445	12.7	110	0.00
21 T	Allyl Chloride	0.760	0.718	5.5	99	0.00
22 T	trans-1,2-Dichloroethene	0.541	0.514	5.0	105	0.00
23 T	Vinyl Acetate	1.711	1.601	6.4	96	0.00
24 T	1,1-Dichloroethane	1.300	1.139	12.4	97	0.00
25 T	Ethyl Acetate	2.231	1.956	12.3	97	0.00
26 T	Hexane	0.992	0.883	11.0	100	0.00
27 T	Carbon Disulfide	1.180	1.241	-5.2	104	0.00
28 T	Methyl tert-Butyl Ether	1.429	1.282	10.3	93	0.00
29 T	Chloroform	1.700	1.501	11.7	99	0.00
30 T	Cyclohexane	0.785	0.744	5.2	99	0.00
31 T	cis-1,2-Dichloroethene	0.986	0.898	8.9	95	0.00
32 T	1,1,1-Trichloroethane	1.619	1.505	7.0	98	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
34 T	2-Butanone	0.601	0.530	11.8	97	0.00
35 T	Carbon Tetrachloride	0.708	0.684	3.4	102	0.00
36 T	Benzene	0.839	0.759	9.5	99	0.00
37 T	1,2-Dichloroethane	0.562	0.480	14.6	97	0.00
38 T	Trichloroethene	0.316	0.339	-7.3	110	0.00
39 T	1,2-Dichloropropane	0.329	0.278	15.5	94	0.00
40 T	1,4-Dioxane	0.117	0.124	-6.0	115	0.00
41 T	Tetrahydrofuran	0.330	0.297	10.0	95	0.00
42 T	Bromodichloromethane	0.766	0.757	1.2	107	0.00
43	Methyl Methacrylate	0.341	0.339	0.6	105	0.00
44 T	2,2,4-Trimethylpentane	1.466	1.425	2.8	109	0.00
45 T	t-1,3-Dichloropropene	0.418	0.473	-13.2	104	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.488	0.533	-9.2	107	0.00
47 T	1,1,2-Trichloroethane	0.373	0.363	2.7	109	0.00
48 T	Dibromochloromethane	0.630	0.669	-6.2	108	0.00
49 T	Bromoform	0.601	0.619	-3.0	82	0.00
50 T	4-Methyl-2-Pentanone	0.880	0.876	0.5	107	0.00
51 T	2-Hexanone	0.656	0.687	-4.7	106	0.00
52 T	Tetrachloroethene	0.317	0.331	-4.4	107	0.00
53 T	Toluene	0.975	1.016	-4.2	107	0.00
54 T	1,2-Dibromoethane	0.584	0.582	0.3	107	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	115	0.00
56	1,1,1,2-Tetrachloroethane	0.458	0.407	11.1	108	0.00
57 T	Chlorobenzene	0.776	0.682	12.1	109	0.00
58 T	Ethyl Benzene	1.335	1.244	6.8	107	0.00
59 T	m/p-Xylene	1.193	1.067	10.6	98	0.00
60 T	o-Xylene	1.153	1.060	8.1	109	0.00
61 T	Styrene	0.792	0.774	2.3	107	0.00
62	Isopropylbenzene	1.633	1.484	9.1	107	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.744	12.4	110	0.00
64	n-propylbenzene	0.414	0.384	7.2	107	0.00
65	tert-Butylbenzene	1.439	1.359	5.6	112	0.00
66 T	Benzyl Chloride	0.669	0.760	-13.6	109	0.00
67	sec-Butylbenzene	2.047	1.924	6.0	111	0.00
68 S	1-Bromo-4-Fluorobenzene	0.784	0.797	-1.7	118	0.00
69	p-Isopropyltoluene	1.667	1.595	4.3	109	0.00
70	n-Butylbenzene	1.766	1.679	4.9	109	0.00
71	2-Chlorotoluene	1.242	1.145	7.8	106	0.00
72 T	4-Ethyltoluene	1.297	1.237	4.6	109	0.00
73 T	1,3,5-Trimethylbenzene	1.241	1.195	3.7	111	0.00
74 T	1,2,4-Trimethylbenzene	1.330	1.246	6.3	111	0.00
75 T	1,3-Dichlorobenzene	0.822	0.747	9.1	113	0.00
76 T	1,4-Dichlorobenzene	0.801	0.742	7.4	111	0.00
77 T	1,2-Dichlorobenzene	0.780	0.718	7.9	109	0.00
78 T	Hexachloro-1,3-Butadiene	0.516	0.543	-5.2	150#	0.00
79 T	Naphthalene	1.138	1.206	-6.0	107	0.00
80 T	Naphthalene,2-methyl-	0.382	0.558	-46.1#	112	0.00
81 T	1,2,4-Trichlorobenzene	0.631	0.631	0.0	110	0.00

(#) = Out of Range

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