

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091018\
 Data File : VL032505.D
 Acq On : 11 Sep 2018 13:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 12 06:56:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018
 QLast Update : Fri Aug 31 21:33:46 2018
 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	66	0.00
2 T	Dichlorodifluoromethane	1.279	0.864	32.4#	45	0.00
3	Chlorodifluoromethane	0.905	0.829	8.4	68	0.00
4	Chloromethane	0.548	0.493	10.0	66	0.00
5 T	Vinyl Chloride	0.541	0.468	13.5	66	0.00
6 T	Bromomethane	0.284	0.271	4.6	69	0.00
7	Chloroethane	0.187	0.170	9.1	66	0.00
8 T	Dichlorotetrafluoroethane	1.135	0.981	13.6	65	0.00
9 T	Propene	0.365	0.410	-12.3	74	0.00
10 T	Heptane	1.310	1.452	-10.8	71	0.00
11 T	Trichlorofluoromethane	1.153	1.000	13.3	64	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.782	0.862	-10.2	84	0.00
13	Ethanol	0.114	0.097	14.9	72	0.00
14 T	Bromoethene	0.331	0.330	0.3	68	0.00
15 T	Acetone	0.901	0.837	7.1	71	0.00
16 T	1,3-Butadiene	0.424	0.389	8.3	69	0.00
17	tert-Butyl alcohol	0.139	0.131	5.8	69	-0.01
18 T	1,1-Dichloroethene	0.357	0.418	-17.1	85	0.00
19 T	Isopropyl Alcohol	0.591	0.623	-5.4	76	0.00
20 T	Methylene Chloride	0.343	0.373	-8.7	85	0.00
21 T	Allyl Chloride	0.598	0.738	-23.4	85	0.00
22 T	trans-1,2-Dichloroethene	0.388	0.402	-3.6	73	0.00
23 T	Vinyl Acetate	1.493	1.765	-18.2	77	0.00
24 T	1,1-Dichloroethane	1.230	1.253	-1.9	73	-0.01
25 T	Ethyl Acetate	2.127	2.111	0.8	70	0.00
26 T	Hexane	0.952	0.964	-1.3	69	0.00
27 T	Carbon Disulfide	0.879	1.048	-19.2	81	0.00
28 T	Methyl tert-Butyl Ether	1.169	1.384	-18.4	77	0.00
29 T	Chloroform	1.452	1.401	3.5	71	0.00
30 T	Cyclohexane	0.697	0.874	-25.4	79	-0.01
31 T	cis-1,2-Dichloroethene	0.862	0.964	-11.8	72	-0.01
32 T	1,1,1-Trichloroethane	1.353	1.362	-0.7	74	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	-0.01
34 T	2-Butanone	0.664	0.610	8.1	73	0.00
35 T	Carbon Tetrachloride	0.672	0.618	8.0	79	0.00
36 T	Benzene	0.851	0.842	1.1	76	0.00
37 T	1,2-Dichloroethane	0.522	0.467	10.5	74	0.00
38 T	Trichloroethene	0.323	0.305	5.6	79	-0.01
39 T	1,2-Dichloropropane	0.364	0.366	-0.5	82	0.00
40 T	1,4-Dioxane	0.109	0.116	-6.4	79	-0.01
41 T	Tetrahydrofuran	0.362	0.362	0.0	73	0.00
42 T	Bromodichloromethane	0.719	0.688	4.3	78	0.00
43	Methyl Methacrylate	0.361	0.371	-2.8	72	-0.01
44 T	2,2,4-Trimethylpentane	1.645	1.578	4.1	74	0.00
45 T	t-1,3-Dichloropropene	0.386	0.500	-29.5	84	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.494	0.526	-6.5	71	0.00
47 T	1,1,2-Trichloroethane	0.387	0.386	0.3	87	0.00
48 T	Dibromochloromethane	0.536	0.620	-15.7	88	0.00
49 T	Bromoform	0.466	0.462	0.9	75	0.00
50 T	4-Methyl-2-Pentanone	1.001	0.908	9.3	68	0.00
51 T	2-Hexanone	0.645	0.857	-32.9#	92	-0.01
52 T	Tetrachloroethene	0.264	0.272	-3.0	82	0.00
53 T	Toluene	0.890	1.090	-22.5	91	-0.01
54 T	1,2-Dibromoethane	0.520	0.571	-9.8	80	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	80	-0.01
56	1,1,1,2-Tetrachloroethane	0.451	0.397	12.0	79	0.00
57 T	Chlorobenzene	0.799	0.708	11.4	78	0.00
58 T	Ethyl Benzene	1.197	1.296	-8.3	80	-0.01
59 T	m/p-Xylene	1.067	1.041	2.4	78	-0.01
60 T	o-Xylene	1.048	1.029	1.8	79	-0.01
61 T	Styrene	0.678	0.765	-12.8	78	-0.01
62	Isopropylbenzene	1.473	1.449	1.6	80	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.937	0.763	18.6	76	-0.01
64	n-propylbenzene	0.385	0.370	3.9	76	0.00
65	tert-Butylbenzene	1.270	1.185	6.7	78	0.00
66 T	Benzyl Chloride	0.707	0.711	-0.6	76	-0.01
67	sec-Butylbenzene	1.909	1.787	6.4	78	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.742	0.751	-1.2	81	-0.01
69	p-Isopropyltoluene	1.480	1.404	5.1	77	-0.01
70	n-Butylbenzene	1.677	1.527	8.9	75	-0.01
71	2-Chlorotoluene	1.126	1.127	-0.1	78	-0.01
72 T	4-Ethyltoluene	1.144	1.185	-3.6	78	0.00
73 T	1,3,5-Trimethylbenzene	1.146	1.119	2.4	77	-0.01
74 T	1,2,4-Trimethylbenzene	1.253	1.106	11.7	77	0.00
75 T	1,3-Dichlorobenzene	0.744	0.608	18.3	75	0.00
76 T	1,4-Dichlorobenzene	0.690	0.604	12.5	74	-0.01
77 T	1,2-Dichlorobenzene	0.717	0.598	16.6	73	-0.01
78 T	Hexachloro-1,3-Butadiene	0.268	0.346	-29.1	132	-0.01
79 T	Naphthalene	1.019	0.934	8.3	68	-0.01
80 T	Naphthalene,2-methyl-	0.271	0.300	-10.7	61	0.00
81 T	1,2,4-Trichlorobenzene	0.513	0.438	14.6	68	-0.01

(#) = Out of Range

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