

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092018\
 Data File : VL032507.D
 Acq On : 20 Sep 2018 13:32
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 21 02:27:33 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	74	-0.01
2 T	Dichlorodifluoromethane	1.279	0.803	37.2#	47	-0.01
3	Chlorodifluoromethane	0.905	0.757	16.4	69	-0.01
4	Chloromethane	0.548	0.450	17.9	67	-0.01
5 T	Vinyl Chloride	0.541	0.427	21.1	67	-0.01
6 T	Bromomethane	0.284	0.264	7.0	74	-0.01
7	Chloroethane	0.187	0.170	9.1	73	-0.01
8 T	Dichlorotetrafluoroethane	1.135	0.918	19.1	67	-0.01
9 T	Propene	0.365	0.365	0.0	73	-0.01
10 T	Heptane	1.310	1.411	-7.7	77	-0.01
11 T	Trichlorofluoromethane	1.153	0.976	15.4	70	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	0.782	0.819	-4.7	88	-0.01
13	Ethanol	0.114	0.094	17.5	78	0.00
14 T	Bromoethene	0.331	0.319	3.6	73	-0.01
15 T	Acetone	0.901	0.790	12.3	75	-0.01
16 T	1,3-Butadiene	0.424	0.341	19.6	67	-0.01
17	tert-Butyl alcohol	0.139	0.149	-7.2	87	-0.02
18 T	1,1-Dichloroethene	0.357	0.400	-12.0	90	-0.01
19 T	Isopropyl Alcohol	0.591	0.602	-1.9	81	-0.01
20 T	Methylene Chloride	0.343	0.352	-2.6	89	-0.01
21 T	Allyl Chloride	0.598	0.709	-18.6	91	-0.01
22 T	trans-1,2-Dichloroethene	0.388	0.389	-0.3	78	-0.01
23 T	Vinyl Acetate	1.493	1.745	-16.9	85	-0.01
24 T	1,1-Dichloroethane	1.230	1.219	0.9	79	-0.01
25 T	Ethyl Acetate	2.127	2.112	0.7	78	-0.01
26 T	Hexane	0.952	0.964	-1.3	77	-0.01
27 T	Carbon Disulfide	0.879	1.047	-19.1	90	-0.01
28 T	Methyl tert-Butyl Ether	1.169	1.364	-16.7	84	-0.01
29 T	Chloroform	1.452	1.400	3.6	79	-0.01
30 T	Cyclohexane	0.697	0.853	-22.4	86	-0.02
31 T	cis-1,2-Dichloroethene	0.862	0.936	-8.6	78	-0.02
32 T	1,1,1-Trichloroethane	1.353	1.477	-9.2	89	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	-0.02
34 T	2-Butanone	0.664	0.599	9.8	78	-0.01
35 T	Carbon Tetrachloride	0.672	0.617	8.2	86	-0.01
36 T	Benzene	0.851	0.888	-4.3	87	-0.02
37 T	1,2-Dichloroethane	0.522	0.467	10.5	80	-0.01
38 T	Trichloroethene	0.323	0.309	4.3	87	-0.02
39 T	1,2-Dichloropropane	0.364	0.368	-1.1	89	-0.01
40 T	1,4-Dioxane	0.109	0.125	-14.7	92	-0.02
41 T	Tetrahydrofuran	0.362	0.380	-5.0	83	-0.01
42 T	Bromodichloromethane	0.719	0.703	2.2	87	-0.02
43	Methyl Methacrylate	0.361	0.376	-4.2	80	-0.01
44 T	2,2,4-Trimethylpentane	1.645	1.572	4.4	81	-0.02
45 T	t-1,3-Dichloropropene	0.386	0.526	-36.3#	96	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.494	0.569	-15.2	84	-0.01
47 T	1,1,2-Trichloroethane	0.387	0.391	-1.0	96	-0.02
48 T	Dibromochloromethane	0.536	0.645	-20.3	100	-0.02
49 T	Bromoform	0.466	0.495	-6.2	88	-0.02
50 T	4-Methyl-2-Pentanone	1.001	0.980	2.1	80	-0.02
51 T	2-Hexanone	0.645	0.867	-34.4#	101	-0.02
52 T	Tetrachloroethene	0.264	0.280	-6.1	92	-0.02
53 T	Toluene	0.890	1.112	-24.9	101	-0.02
54 T	1,2-Dibromoethane	0.520	0.592	-13.8	90	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	-0.02
56	1,1,1,2-Tetrachloroethane	0.451	0.402	10.9	88	-0.02
57 T	Chlorobenzene	0.799	0.720	9.9	88	-0.01
58 T	Ethyl Benzene	1.197	1.303	-8.9	89	-0.02
59 T	m/p-Xylene	1.067	1.053	1.3	87	-0.02
60 T	o-Xylene	1.048	1.031	1.6	87	-0.02
61 T	Styrene	0.678	0.790	-16.5	89	-0.02
62	Isopropylbenzene	1.473	1.471	0.1	89	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.937	0.775	17.3	85	-0.02
64	n-propylbenzene	0.385	0.384	0.3	87	-0.02
65	tert-Butylbenzene	1.270	1.218	4.1	88	-0.01
66 T	Benzyl Chloride	0.707	0.793	-12.2	94	-0.02
67	sec-Butylbenzene	1.909	1.804	5.5	87	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.742	0.734	1.1	87	-0.02
69	p-Isopropyltoluene	1.480	1.448	2.2	87	-0.02
70	n-Butylbenzene	1.677	1.591	5.1	86	-0.01
71	2-Chlorotoluene	1.126	1.158	-2.8	88	-0.02
72 T	4-Ethyltoluene	1.144	1.211	-5.9	87	-0.02
73 T	1,3,5-Trimethylbenzene	1.146	1.148	-0.2	88	-0.02
74 T	1,2,4-Trimethylbenzene	1.253	1.148	8.4	87	-0.01
75 T	1,3-Dichlorobenzene	0.744	0.641	13.8	87	-0.01
76 T	1,4-Dichlorobenzene	0.690	0.645	6.5	88	-0.02
77 T	1,2-Dichlorobenzene	0.717	0.635	11.4	86	-0.02
78 T	Hexachloro-1,3-Butadiene	0.268	0.390	-45.5#	164#	-0.02
79 T	Naphthalene	1.019	1.098	-7.8	88	-0.02
80 T	Naphthalene,2-methyl-	0.271	0.430	-58.7#	97	-0.01
81 T	1,2,4-Trichlorobenzene	0.513	0.524	-2.1	89	-0.02

(#) = Out of Range

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