

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL090518\
 Data File : VL032479.D
 Acq On : 6 Sep 2018 9:07
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 06 14:56:48 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	67	0.00
2 T	Dichlorodifluoromethane	1.279	0.753	41.1#	40	0.00
3	Chlorodifluoromethane	0.905	0.897	0.9	75	0.00
4	Chloromethane	0.548	0.528	3.6	72	0.00
5 T	Vinyl Chloride	0.541	0.504	6.8	72	0.00
6 T	Bromomethane	0.284	0.270	4.9	69	0.00
7	Chloroethane	0.187	0.177	5.3	69	0.00
8 T	Dichlorotetrafluoroethane	1.135	1.057	6.9	71	0.00
9 T	Propene	0.365	0.433	-18.6	79	0.00
10 T	Heptane	1.310	1.538	-17.4	76	0.00
11 T	Trichlorofluoromethane	1.153	1.006	12.7	66	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.782	0.790	-1.0	78	0.00
13	Ethanol	0.114	0.109	4.4	82	0.00
14 T	Bromoethene	0.331	0.332	-0.3	70	0.00
15 T	Acetone	0.901	0.801	11.1	69	0.00
16 T	1,3-Butadiene	0.424	0.440	-3.8	79	0.00
17	tert-Butyl alcohol	0.139	0.147	-5.8	78	-0.02
18 T	1,1-Dichloroethene	0.357	0.337	5.6	69	0.00
19 T	Isopropyl Alcohol	0.591	0.653	-10.5	81	0.00
20 T	Methylene Chloride	0.343	0.286	16.6	66	0.00
21 T	Allyl Chloride	0.598	0.659	-10.2	77	0.00
22 T	trans-1,2-Dichloroethene	0.388	0.324	16.5	60	0.00
23 T	Vinyl Acetate	1.493	1.827	-22.4	81	0.00
24 T	1,1-Dichloroethane	1.230	1.220	0.8	72	0.00
25 T	Ethyl Acetate	2.127	2.273	-6.9	77	0.00
26 T	Hexane	0.952	1.033	-8.5	75	0.00
27 T	Carbon Disulfide	0.879	0.964	-9.7	75	0.00
28 T	Methyl tert-Butyl Ether	1.169	1.410	-20.6	79	0.00
29 T	Chloroform	1.452	1.468	-1.1	75	0.00
30 T	Cyclohexane	0.697	0.859	-23.2	79	0.00
31 T	cis-1,2-Dichloroethene	0.862	1.035	-20.1	79	-0.01
32 T	1,1,1-Trichloroethane	1.353	1.392	-2.9	77	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
34 T	2-Butanone	0.664	0.738	-11.1	80	0.00
35 T	Carbon Tetrachloride	0.672	0.643	4.3	75	0.00
36 T	Benzene	0.851	0.971	-14.1	80	0.00
37 T	1,2-Dichloroethane	0.522	0.521	0.2	75	0.00
38 T	Trichloroethene	0.323	0.318	1.5	75	0.00
39 T	1,2-Dichloropropane	0.364	0.379	-4.1	77	0.00
40 T	1,4-Dioxane	0.109	0.128	-17.4	79	0.00
41 T	Tetrahydrofuran	0.362	0.446	-23.2	82	0.00
42 T	Bromodichloromethane	0.719	0.723	-0.6	75	0.00
43	Methyl Methacrylate	0.361	0.400	-10.8	71	0.00
44 T	2,2,4-Trimethylpentane	1.645	1.661	-1.0	71	0.00
45 T	t-1,3-Dichloropropene	0.386	0.526	-36.3#	80	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.494	0.628	-27.1	77	0.00
47 T	1,1,2-Trichloroethane	0.387	0.400	-3.4	82	-0.01
48 T	Dibromochloromethane	0.536	0.575	-7.3	75	0.00
49 T	Bromoform	0.466	0.465	0.2	69	0.00
50 T	4-Methyl-2-Pentanone	1.001	1.111	-11.0	76	0.00
51 T	2-Hexanone	0.645	0.824	-27.8	80	-0.01
52 T	Tetrachloroethene	0.264	0.279	-5.7	76	-0.01
53 T	Toluene	0.890	1.091	-22.6	83	-0.02
54 T	1,2-Dibromoethane	0.520	0.543	-4.4	69	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
56	1,1,1,2-Tetrachloroethane	0.451	0.414	8.2	72	0.00
57 T	Chlorobenzene	0.799	0.761	4.8	73	0.00
58 T	Ethyl Benzene	1.197	1.411	-17.9	76	0.00
59 T	m/p-Xylene	1.067	1.131	-6.0	74	0.00
60 T	o-Xylene	1.048	1.102	-5.2	74	0.00
61 T	Styrene	0.678	0.853	-25.8	76	0.00
62	Isopropylbenzene	1.473	1.586	-7.7	76	0.00
63 T	1,1,2,2-Tetrachloroethane	0.937	0.820	12.5	71	-0.01
64	n-propylbenzene	0.385	0.413	-7.3	74	0.00
65	tert-Butylbenzene	1.270	1.336	-5.2	76	0.00
66 T	Benzyl Chloride	0.707	0.801	-13.3	75	0.00
67	sec-Butylbenzene	1.909	2.017	-5.7	77	0.00
68 S	1-Bromo-4-Fluorobenzene	0.742	0.730	1.6	68	0.00
69	p-Isopropyltoluene	1.480	1.605	-8.4	76	0.00
70	n-Butylbenzene	1.677	1.761	-5.0	75	0.00
71	2-Chlorotoluene	1.126	1.261	-12.0	76	-0.01
72 T	4-Ethyltoluene	1.144	1.323	-15.6	76	0.00
73 T	1,3,5-Trimethylbenzene	1.146	1.259	-9.9	76	0.00
74 T	1,2,4-Trimethylbenzene	1.253	1.250	0.2	75	0.00
75 T	1,3-Dichlorobenzene	0.744	0.693	6.9	74	0.00
76 T	1,4-Dichlorobenzene	0.690	0.701	-1.6	75	0.00
77 T	1,2-Dichlorobenzene	0.717	0.701	2.2	75	0.00
78 T	Hexachloro-1,3-Butadiene	0.268	0.421	-57.1#	140	0.00
79 T	Naphthalene	1.019	1.193	-17.1	76	0.00
80 T	Naphthalene,2-methyl-	0.271	0.472	-74.2#	84	0.00
81 T	1,2,4-Trichlorobenzene	0.513	0.566	-10.3	76	-0.01

(#) = Out of Range

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