

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL082018\
 Data File : VL032406.D
 Acq On : 20 Aug 2018 14:05
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 28 13:56:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 28 13:07:12 2018
 QLast Update : Tue Aug 28 13:07:12 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	78	0.00
2 T	Dichlorodifluoromethane	1.019	0.825	19.0	82	0.00
3	Chlorodifluoromethane	0.926	0.883	4.6	80	0.00
4	Chloromethane	0.551	0.537	2.5	81	0.00
5 T	Vinyl Chloride	0.526	0.515	2.1	83	0.00
6 T	Bromomethane	0.282	0.290	-2.8	84	0.00
7	Chloroethane	0.184	0.188	-2.2	86	0.00
8 T	Dichlorotetrafluoroethane	1.130	1.075	4.9	83	0.00
9 T	Propene	0.396	0.414	-4.5	79	0.00
10 T	Heptane	1.194	1.306	-9.4	85	0.00
11 T	Trichlorofluoromethane	1.118	1.066	4.7	84	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.753	0.723	4.0	82	0.00
13	Ethanol	0.102	0.112	-9.8	89	0.00
14 T	Bromoethene	0.326	0.334	-2.5	84	0.00
15 T	Acetone	0.950	0.837	11.9	84	0.00
16 T	1,3-Butadiene	0.392	0.420	-7.1	90	0.00
17	tert-Butyl alcohol	0.159	0.162	-1.9	88	0.00
18 T	1,1-Dichloroethene	0.351	0.350	0.3	83	0.00
19 T	Isopropyl Alcohol	0.640	0.661	-3.3	85	0.00
20 T	Methylene Chloride	0.359	0.307	14.5	82	0.00
21 T	Allyl Chloride	0.600	0.629	-4.8	83	0.00
22 T	trans-1,2-Dichloroethene	0.354	0.338	4.5	72	0.00
23 T	Vinyl Acetate	1.641	1.556	5.2	70	0.00
24 T	1,1-Dichloroethane	1.185	1.083	8.6	72	0.00
25 T	Ethyl Acetate	2.036	2.109	-3.6	83	0.00
26 T	Hexane	0.908	0.976	-7.5	84	0.00
27 T	Carbon Disulfide	0.847	0.912	-7.7	81	0.00
28 T	Methyl tert-Butyl Ether	1.205	1.189	1.3	70	0.00
29 T	Chloroform	1.330	1.414	-6.3	84	0.00
30 T	Cyclohexane	0.691	0.733	-6.1	80	0.00
31 T	cis-1,2-Dichloroethene	0.888	0.894	-0.7	76	0.00
32 T	1,1,1-Trichloroethane	1.295	1.323	-2.2	83	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
34 T	2-Butanone	0.681	0.701	-2.9	77	0.00
35 T	Carbon Tetrachloride	0.590	0.641	-8.6	78	0.00
36 T	Benzene	0.848	0.976	-15.1	83	0.00
37 T	1,2-Dichloroethane	0.514	0.542	-5.4	82	0.00
38 T	Trichloroethene	0.297	0.333	-12.1	84	0.00
39 T	1,2-Dichloropropane	0.354	0.390	-10.2	80	0.00
40 T	1,4-Dioxane	0.108	0.120	-11.1	74	0.00
41 T	Tetrahydrofuran	0.365	0.420	-15.1	80	0.00
42 T	Bromodichloromethane	0.673	0.744	-10.5	81	0.00
43	Methyl Methacrylate	0.338	0.401	-18.6	81	0.00
44 T	2,2,4-Trimethylpentane	1.529	1.699	-11.1	82	0.00
45 T	t-1,3-Dichloropropene	0.427	0.550	-28.8	86	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.512	0.653	-27.5	89	0.00
47 T	1,1,2-Trichloroethane	0.390	0.409	-4.9	81	0.00
48 T	Dibromochloromethane	0.521	0.585	-12.3	79	0.00
49 T	Bromoform	0.433	0.505	-16.6	83	0.00
50 T	4-Methyl-2-Pentanone	0.983	1.122	-14.1	88	0.00
51 T	2-Hexanone	0.690	0.814	-18.0	72	0.00
52 T	Tetrachloroethene	0.250	0.288	-15.2	83	0.00
53 T	Toluene	0.929	1.128	-21.4	79	0.00
54 T	1,2-Dibromoethane	0.501	0.540	-7.8	78	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
56	1,1,1,2-Tetrachloroethane	0.414	0.422	-1.9	83	0.00
57 T	Chlorobenzene	0.753	0.757	-0.5	82	0.00
58 T	Ethyl Benzene	1.203	1.387	-15.3	83	0.00
59 T	m/p-Xylene	1.022	1.129	-10.5	84	0.00
60 T	o-Xylene	1.005	1.088	-8.3	82	0.00
61 T	Styrene	0.702	0.845	-20.4	81	0.00
62	Isopropylbenzene	1.430	1.546	-8.1	83	0.00
63 T	1,1,2,2-Tetrachloroethane	0.845	0.825	2.4	83	0.00
64	n-propylbenzene	0.370	0.410	-10.8	83	0.00
65	tert-Butylbenzene	1.221	1.288	-5.5	82	0.00
66 T	Benzyl Chloride	0.723	0.874	-20.9	79	0.00
67	sec-Butylbenzene	1.816	1.984	-9.3	84	0.00
68 S	1-Bromo-4-Fluorobenzene	0.763	0.769	-0.8	77	0.00
69	p-Isopropyltoluene	1.390	1.589	-14.3	86	0.00
70	n-Butylbenzene	1.524	1.729	-13.5	84	0.00
71	2-Chlorotoluene	1.107	1.241	-12.1	82	0.00
72 T	4-Ethyltoluene	1.120	1.294	-15.5	82	0.00
73 T	1,3,5-Trimethylbenzene	1.078	1.233	-14.4	83	0.00
74 T	1,2,4-Trimethylbenzene	1.147	1.214	-5.8	82	0.00
75 T	1,3-Dichlorobenzene	0.689	0.697	-1.2	83	0.00
76 T	1,4-Dichlorobenzene	0.653	0.707	-8.3	82	0.00
77 T	1,2-Dichlorobenzene	0.658	0.702	-6.7	84	0.00
78 T	Hexachloro-1,3-Butadiene	0.221	0.211	4.5	84	0.00
79 T	Naphthalene	0.837	1.150	-37.4#	79	0.00
80 T	Naphthalene,2-methyl-	0.229	0.458	-100.0#	72	0.00
81 T	1,2,4-Trichlorobenzene	0.443	0.552	-24.6	79	0.00

(#) = Out of Range

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