

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL110718\
 Data File : VL032740.D
 Acq On : 8 Nov 2018 9:49
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 08 12:17:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 05:15:43 2018
 QLast Update : Thu Oct 25 05:15:43 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	77	0.00
2 T	Dichlorodifluoromethane	1.019	1.287	-26.3	146	0.00
3	Chlorodifluoromethane	0.782	0.734	6.1	84	0.00
4	Chloromethane	0.437	0.380	13.0	77	0.00
5 T	Vinyl Chloride	0.473	0.396	16.3	79	0.00
6 T	Bromomethane	0.295	0.258	12.5	81	0.00
7	Chloroethane	0.174	0.156	10.3	82	0.00
8 T	Dichlorotetrafluoroethane	1.074	0.995	7.4	83	0.00
9 T	Propene	0.322	0.284	11.8	75	0.00
10 T	Heptane	1.240	1.250	-0.8	82	0.00
11 T	Trichlorofluoromethane	1.331	1.182	11.2	89	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.107	1.165	-5.2	88	0.00
13	Ethanol	0.092	0.074	19.6	72	0.00
14 T	Bromoethene	0.374	0.345	7.8	82	0.00
15 T	Acetone	0.923	0.777	15.8	88	0.00
16 T	1,3-Butadiene	0.340	0.333	2.1	84	0.00
17	tert-Butyl alcohol	0.272	0.088	67.6#	21	0.00
18 T	1,1-Dichloroethene	0.486	0.513	-5.6	83	0.00
19 T	Isopropyl Alcohol	0.658	0.511	22.3	69	0.00
20 T	Methylene Chloride	0.469	0.451	3.8	84	0.00
21 T	Allyl Chloride	0.758	0.851	-12.3	86	0.00
22 T	trans-1,2-Dichloroethene	0.499	0.492	1.4	80	0.00
23 T	Vinyl Acetate	1.636	1.630	0.4	81	0.00
24 T	1,1-Dichloroethane	1.285	1.133	11.8	76	0.00
25 T	Ethyl Acetate	2.126	2.070	2.6	81	0.00
26 T	Hexane	1.006	0.926	8.0	77	0.00
27 T	Carbon Disulfide	1.220	1.324	-8.5	83	0.00
28 T	Methyl tert-Butyl Ether	1.445	1.207	16.5	66	0.00
29 T	Chloroform	1.606	1.679	-4.5	89	0.00
30 T	Cyclohexane	0.796	0.834	-4.8	82	0.00
31 T	cis-1,2-Dichloroethene	0.933	0.965	-3.4	80	0.00
32 T	1,1,1-Trichloroethane	1.633	1.695	-3.8	90	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
34 T	2-Butanone	0.536	0.537	-0.2	87	0.00
35 T	Carbon Tetrachloride	0.710	0.743	-4.6	92	0.00
36 T	Benzene	0.812	0.801	1.4	83	0.00
37 T	1,2-Dichloroethane	0.498	0.536	-7.6	91	0.00
38 T	Trichloroethene	0.301	0.325	-8.0	88	0.00
39 T	1,2-Dichloropropane	0.314	0.302	3.8	82	0.00
40 T	1,4-Dioxane	0.107	0.112	-4.7	85	0.00
41 T	Tetrahydrofuran	0.299	0.317	-6.0	83	0.00
42 T	Bromodichloromethane	0.698	0.748	-7.2	91	0.00
43	Methyl Methacrylate	0.298	0.330	-10.7	85	0.00
44 T	2,2,4-Trimethylpentane	1.386	1.376	0.7	84	0.00
45 T	t-1,3-Dichloropropene	0.398	0.465	-16.8	80	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.455	0.553	-21.5	90	0.00
47 T	1,1,2-Trichloroethane	0.371	0.375	-1.1	86	0.00
48 T	Dibromochloromethane	0.618	0.646	-4.5	83	0.00
49 T	Bromoform	0.485	0.574	-18.4	95	0.00
50 T	4-Methyl-2-Pentanone	0.794	0.897	-13.0	93	0.00
51 T	2-Hexanone	0.590	0.669	-13.4	84	0.00
52 T	Tetrachloroethene	0.283	0.293	-3.5	87	0.00
53 T	Toluene	0.931	0.957	-2.8	79	0.00
54 T	1,2-Dibromoethane	0.504	0.548	-8.7	82	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.450	-3.0	93	0.00
57 T	Chlorobenzene	0.735	0.727	1.1	89	0.00
58 T	Ethyl Benzene	1.162	1.279	-10.1	87	0.00
59 T	m/p-Xylene	1.035	1.054	-1.8	86	0.00
60 T	o-Xylene	0.998	1.055	-5.7	90	0.00
61 T	Styrene	0.669	0.755	-12.9	84	0.00
62	Isopropylbenzene	1.412	1.503	-6.4	92	0.00
63 T	1,1,2,2-Tetrachloroethane	0.782	0.766	2.0	93	0.00
64	n-propylbenzene	0.351	0.386	-10.0	91	0.00
65	tert-Butylbenzene	1.203	1.327	-10.3	94	0.00
66 T	Benzyl Chloride	0.621	0.735	-18.4	87	0.00
67	sec-Butylbenzene	1.711	1.892	-10.6	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.745	0.754	-1.2	83	0.00
69	p-Isopropyltoluene	1.356	1.558	-14.9	97	0.00
70	n-Butylbenzene	1.396	1.626	-16.5	97	0.00
71	2-Chlorotoluene	1.004	1.168	-16.3	95	0.00
72 T	4-Ethyltoluene	1.063	1.235	-16.2	93	0.00
73 T	1,3,5-Trimethylbenzene	1.035	1.180	-14.0	94	0.00
74 T	1,2,4-Trimethylbenzene	1.106	1.213	-9.7	95	0.00
75 T	1,3-Dichlorobenzene	0.636	0.697	-9.6	97	0.00
76 T	1,4-Dichlorobenzene	0.587	0.687	-17.0	98	0.00
77 T	1,2-Dichlorobenzene	0.602	0.681	-13.1	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.285	0.437	-53.3#	161#	0.00
79 T	Naphthalene	0.687	0.934	-36.0#	96	0.00
80 T	Naphthalene,2-methyl-	0.167	0.239	-43.1#	66	0.00
81 T	1,2,4-Trichlorobenzene	0.356	0.490	-37.6#	100	0.00

(#) = Out of Range

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