

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101818\
 Data File : VL032660.D
 Acq On : 18 Oct 2018 22:09
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101818

Quant Time: Oct 19 01:39:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Oct 19 01:25:37 2018
 QLast Update : Fri Oct 19 01:25:37 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	92	0.00
2 T	Dichlorodifluoromethane	1.019	1.185	-16.3	161#	0.00
3	Chlorodifluoromethane	0.782	0.717	8.3	98	0.00
4	Chloromethane	0.437	0.424	3.0	103	0.00
5 T	Vinyl Chloride	0.473	0.426	9.9	101	0.00
6 T	Bromomethane	0.295	0.269	8.8	101	0.00
7	Chloroethane	0.174	0.166	4.6	105	0.00
8 T	Dichlorotetrafluoroethane	1.074	0.968	9.9	97	0.00
9 T	Propene	0.322	0.345	-7.1	109	0.00
10 T	Heptane	1.240	1.301	-4.9	103	0.00
11 T	Trichlorofluoromethane	1.331	1.184	11.0	107	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.107	0.874	21.0	79	0.00
13	Ethanol	0.092	0.083	9.8	97	0.00
14 T	Bromoethene	0.374	0.347	7.2	99	0.00
15 T	Acetone	0.923	0.716	22.4	97	0.00
16 T	1,3-Butadiene	0.340	0.356	-4.7	108	0.00
17	tert-Butyl alcohol	0.272	0.292	-7.4	81	0.00
18 T	1,1-Dichloroethene	0.486	0.473	2.7	92	0.00
19 T	Isopropyl Alcohol	0.658	0.586	10.9	95	0.00
20 T	Methylene Chloride	0.469	0.402	14.3	90	0.00
21 T	Allyl Chloride	0.758	0.778	-2.6	94	0.00
22 T	trans-1,2-Dichloroethene	0.499	0.475	4.8	93	0.00
23 T	Vinyl Acetate	1.636	1.716	-4.9	102	0.00
24 T	1,1-Dichloroethane	1.285	1.228	4.4	99	0.00
25 T	Ethyl Acetate	2.126	2.041	4.0	96	0.00
26 T	Hexane	1.006	0.954	5.2	95	0.00
27 T	Carbon Disulfide	1.220	1.084	11.1	81	0.00
28 T	Methyl tert-Butyl Ether	1.445	1.562	-8.1	102	0.00
29 T	Chloroform	1.606	1.467	8.7	93	0.00
30 T	Cyclohexane	0.796	0.878	-10.3	103	0.00
31 T	cis-1,2-Dichloroethene	0.933	0.929	0.4	92	0.00
32 T	1,1,1-Trichloroethane	1.633	1.508	7.7	97	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
34 T	2-Butanone	0.536	0.554	-3.4	110	0.00
35 T	Carbon Tetrachloride	0.710	0.632	11.0	96	0.00
36 T	Benzene	0.812	0.815	-0.4	103	0.00
37 T	1,2-Dichloroethane	0.498	0.452	9.2	94	0.00
38 T	Trichloroethene	0.301	0.307	-2.0	103	0.00
39 T	1,2-Dichloropropane	0.314	0.312	0.6	104	0.00
40 T	1,4-Dioxane	0.107	0.100	6.5	93	0.00
41 T	Tetrahydrofuran	0.299	0.330	-10.4	106	0.00
42 T	Bromodichloromethane	0.698	0.656	6.0	98	0.00
43	Methyl Methacrylate	0.298	0.331	-11.1	104	0.00
44 T	2,2,4-Trimethylpentane	1.386	1.348	2.7	102	0.00
45 T	t-1,3-Dichloropropene	0.398	0.474	-19.1	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.455	0.503	-10.5	100	0.00
47 T	1,1,2-Trichloroethane	0.371	0.356	4.0	100	0.00
48 T	Dibromochloromethane	0.618	0.554	10.4	88	0.00
49 T	Bromoform	0.485	0.463	4.5	94	0.00
50 T	4-Methyl-2-Pentanone	0.794	0.830	-4.5	106	0.00
51 T	2-Hexanone	0.590	0.646	-9.5	100	0.00
52 T	Tetrachloroethene	0.283	0.299	-5.7	109	0.00
53 T	Toluene	0.931	1.021	-9.7	104	0.00
54 T	1,2-Dibromoethane	0.504	0.505	-0.2	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.394	9.8	97	0.00
57 T	Chlorobenzene	0.735	0.693	5.7	101	0.00
58 T	Ethyl Benzene	1.162	1.234	-6.2	101	0.00
59 T	m/p-Xylene	1.035	1.012	2.2	99	-0.02
60 T	o-Xylene	0.998	0.959	3.9	98	0.00
61 T	Styrene	0.669	0.757	-13.2	101	0.00
62	Isopropylbenzene	1.412	1.356	4.0	99	0.00
63 T	1,1,2,2-Tetrachloroethane	0.782	0.656	16.1	95	0.00
64	n-propylbenzene	0.351	0.347	1.1	99	0.00
65	tert-Butylbenzene	1.203	1.133	5.8	96	0.00
66 T	Benzyl Chloride	0.621	0.653	-5.2	92	0.00
67	sec-Butylbenzene	1.711	1.607	6.1	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.745	0.735	1.3	97	0.00
69	p-Isopropyltoluene	1.356	1.302	4.0	97	0.00
70	n-Butylbenzene	1.396	1.310	6.2	93	0.00
71	2-Chlorotoluene	1.004	1.003	0.1	98	0.00
72 T	4-Ethyltoluene	1.063	1.097	-3.2	99	0.00
73 T	1,3,5-Trimethylbenzene	1.035	1.018	1.6	97	0.00
74 T	1,2,4-Trimethylbenzene	1.106	1.017	8.0	96	0.00
75 T	1,3-Dichlorobenzene	0.636	0.568	10.7	95	0.00
76 T	1,4-Dichlorobenzene	0.587	0.562	4.3	96	0.00
77 T	1,2-Dichlorobenzene	0.602	0.540	10.3	95	0.00
78 T	Hexachloro-1,3-Butadiene	0.285	0.341	-19.6	151#	0.00
79 T	Naphthalene	0.687	0.861	-25.3	106	0.00
80 T	Naphthalene,2-methyl-	0.167	0.332	-98.8#	109	0.00
81 T	1,2,4-Trichlorobenzene	0.356	0.404	-13.5	98	0.00

(#) = Out of Range

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