

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL052019\
 Data File : VL033737.D
 Acq On : 21 May 2019 8:48
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 21 10:44:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
 QLast Update : Fri May 17 08:15:41 2019
 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	95	0.00
2 T	Dichlorodifluoromethane	2.107	1.380	34.5#	72	0.00
3	Chlorodifluoromethane	1.145	1.143	0.2	100	0.00
4	Chloromethane	0.655	0.627	4.3	94	0.00
5 T	Vinyl Chloride	0.667	0.637	4.5	98	0.00
6 T	Bromomethane	0.407	0.403	1.0	95	0.00
7	Chloroethane	0.237	0.235	0.8	97	0.00
8 T	Dichlorotetrafluoroethane	1.699	1.638	3.6	98	0.00
9 T	Propene	0.487	0.466	4.3	91	0.00
10 T	Heptane	1.380	1.291	6.4	90	0.00
11 T	Trichlorofluoromethane	2.011	2.000	0.5	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.405	1.348	4.1	93	0.00
13	Ethanol	0.157	0.109	30.6#	83	0.00
14 T	Bromoethene	0.516	0.521	-1.0	98	0.00
15 T	Acetone	1.387	1.256	9.4	95	0.00
16 T	1,3-Butadiene	0.553	0.572	-3.4	101	0.00
17	tert-Butyl alcohol	1.122	1.082	3.6	88	0.00
18 T	1,1-Dichloroethene	0.593	0.587	1.0	93	0.00
19 T	Isopropyl Alcohol	0.895	0.798	10.8	82	0.00
20 T	Methylene Chloride	0.534	0.498	6.7	95	0.00
21 T	Allyl Chloride	0.865	0.889	-2.8	94	0.00
22 T	trans-1,2-Dichloroethene	0.608	0.596	2.0	97	0.00
23 T	Vinyl Acetate	1.829	1.837	-0.4	92	0.00
24 T	1,1-Dichloroethane	1.391	1.297	6.8	95	0.00
25 T	Ethyl Acetate	2.437	2.267	7.0	91	0.00
26 T	Hexane	1.048	0.984	6.1	90	0.00
27 T	Carbon Disulfide	1.438	1.519	-5.6	94	0.00
28 T	Methyl tert-Butyl Ether	1.708	1.626	4.8	90	0.00
29 T	Chloroform	1.930	1.717	11.0	92	0.00
30 T	Cyclohexane	0.881	0.844	4.2	89	0.00
31 T	cis-1,2-Dichloroethene	1.039	1.009	2.9	95	0.00
32 T	1,1,1-Trichloroethane	1.927	1.765	8.4	90	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
34 T	2-Butanone	0.620	0.627	-1.1	94	0.00
35 T	Carbon Tetrachloride	0.801	0.827	-3.2	94	0.00
36 T	Benzene	0.910	0.872	4.2	87	0.00
37 T	1,2-Dichloroethane	0.587	0.570	2.9	92	0.00
38 T	Trichloroethene	0.338	0.366	-8.3	93	0.00
39 T	1,2-Dichloropropane	0.339	0.327	3.5	88	0.00
40 T	1,4-Dioxane	0.142	0.128	9.9	82	0.00
41 T	Tetrahydrofuran	0.347	0.340	2.0	85	0.00
42 T	Bromodichloromethane	0.803	0.805	-0.2	92	0.00
43	Methyl Methacrylate	0.335	0.355	-6.0	90	0.00
44 T	2,2,4-Trimethylpentane	1.537	1.499	2.5	90	0.00
45 T	t-1,3-Dichloropropene	0.424	0.501	-18.2	91	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.497	0.555	-11.7	88	0.00
47 T	1,1,2-Trichloroethane	0.385	0.374	2.9	90	0.00
48 T	Dibromochloromethane	0.668	0.712	-6.6	92	0.00
49 T	Bromoform	0.562	0.632	-12.5	97	0.00
50 T	4-Methyl-2-Pentanone	0.953	0.966	-1.4	89	0.00
51 T	2-Hexanone	0.744	0.798	-7.3	89	0.00
52 T	Tetrachloroethene	0.320	0.338	-5.6	88	0.00
53 T	Toluene	0.981	1.044	-6.4	89	0.00
54 T	1,2-Dibromoethane	0.588	0.601	-2.2	91	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.463	0.457	1.3	98	0.00
57 T	Chlorobenzene	0.823	0.798	3.0	98	0.00
58 T	Ethyl Benzene	1.324	1.408	-6.3	96	0.00
59 T	m/p-Xylene	1.158	1.177	-1.6	97	0.00
60 T	o-Xylene	1.167	1.199	-2.7	98	0.00
61 T	Styrene	0.786	0.885	-12.6	97	0.00
62	Isopropylbenzene	1.572	1.575	-0.2	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.816	3.9	98	0.00
64	n-propylbenzene	0.407	0.404	0.7	95	0.00
65	tert-Butylbenzene	1.435	1.432	0.2	95	0.00
66 T	Benzyl Chloride	0.683	0.813	-19.0	96	0.00
67	sec-Butylbenzene	2.008	1.993	0.7	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.811	0.824	-1.6	102	0.00
69	p-Isopropyltoluene	1.660	1.682	-1.3	94	0.00
70	n-Butylbenzene	1.780	1.746	1.9	93	0.00
71	2-Chlorotoluene	1.166	1.190	-2.1	95	0.00
72 T	4-Ethyltoluene	1.334	1.386	-3.9	95	0.00
73 T	1,3,5-Trimethylbenzene	1.302	1.320	-1.4	96	0.00
74 T	1,2,4-Trimethylbenzene	1.417	1.390	1.9	95	0.00
75 T	1,3-Dichlorobenzene	0.868	0.815	6.1	96	0.00
76 T	1,4-Dichlorobenzene	0.825	0.804	2.5	95	0.00
77 T	1,2-Dichlorobenzene	0.816	0.776	4.9	94	0.00
78 T	Hexachloro-1,3-Butadiene	0.617	0.711	-15.2	126	0.00
79 T	Naphthalene	1.316	1.587	-20.6	105	0.00
80 T	Naphthalene,2-methyl-	0.500	0.776	-55.2#	116	0.00
81 T	1,2,4-Trichlorobenzene	0.771	0.819	-6.2	100	0.00

(#) = Out of Range

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