

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051719\
 Data File : VL033719.D
 Acq On : 17 May 2019 16:41
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 18 01:41:58 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	103	0.00
2 T	Dichlorodifluoromethane	2.107	1.867	11.4	106	0.00
3	Chlorodifluoromethane	1.145	1.147	-0.2	109	0.00
4	Chloromethane	0.655	0.606	7.5	99	0.00
5 T	Vinyl Chloride	0.667	0.608	8.8	101	0.00
6 T	Bromomethane	0.407	0.397	2.5	101	0.00
7	Chloroethane	0.237	0.222	6.3	100	0.00
8 T	Dichlorotetrafluoroethane	1.699	1.558	8.3	101	0.00
9 T	Propene	0.487	0.478	1.8	101	0.00
10 T	Heptane	1.380	1.231	10.8	93	0.00
11 T	Trichlorofluoromethane	2.011	1.809	10.0	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.405	1.236	12.0	93	0.00
13	Ethanol	0.157	0.135	14.0	112	0.00
14 T	Bromoethene	0.516	0.501	2.9	103	0.00
15 T	Acetone	1.387	1.171	15.6	96	0.00
16 T	1,3-Butadiene	0.553	0.542	2.0	104	0.00
17	tert-Butyl alcohol	1.122	1.064	5.2	94	0.00
18 T	1,1-Dichloroethene	0.593	0.550	7.3	94	0.00
19 T	Isopropyl Alcohol	0.895	0.823	8.0	92	0.00
20 T	Methylene Chloride	0.534	0.469	12.2	97	0.00
21 T	Allyl Chloride	0.865	0.821	5.1	94	0.00
22 T	trans-1,2-Dichloroethene	0.608	0.588	3.3	104	0.00
23 T	Vinyl Acetate	1.829	1.963	-7.3	107	0.00
24 T	1,1-Dichloroethane	1.391	1.315	5.5	104	0.00
25 T	Ethyl Acetate	2.437	2.167	11.1	95	0.00
26 T	Hexane	1.048	0.943	10.0	93	0.00
27 T	Carbon Disulfide	1.438	1.393	3.1	94	0.00
28 T	Methyl tert-Butyl Ether	1.708	1.738	-1.8	105	0.00
29 T	Chloroform	1.930	1.586	17.8	92	0.00
30 T	Cyclohexane	0.881	0.826	6.2	94	0.00
31 T	cis-1,2-Dichloroethene	1.039	1.020	1.8	104	0.00
32 T	1,1,1-Trichloroethane	1.927	1.679	12.9	93	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
34 T	2-Butanone	0.620	0.629	-1.5	104	0.00
35 T	Carbon Tetrachloride	0.801	0.747	6.7	93	0.00
36 T	Benzene	0.910	0.849	6.7	94	0.00
37 T	1,2-Dichloroethane	0.587	0.520	11.4	93	0.00
38 T	Trichloroethene	0.338	0.338	0.0	95	0.00
39 T	1,2-Dichloropropane	0.339	0.310	8.6	93	0.00
40 T	1,4-Dioxane	0.142	0.126	11.3	89	0.00
41 T	Tetrahydrofuran	0.347	0.334	3.7	92	0.00
42 T	Bromodichloromethane	0.803	0.740	7.8	94	0.00
43	Methyl Methacrylate	0.335	0.340	-1.5	96	0.00
44 T	2,2,4-Trimethylpentane	1.537	1.390	9.6	92	0.00
45 T	t-1,3-Dichloropropene	0.424	0.467	-10.1	94	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.497	0.520	-4.6	92	0.00
47 T	1,1,2-Trichloroethane	0.385	0.353	8.3	94	0.00
48 T	Dibromochloromethane	0.668	0.656	1.8	93	0.00
49 T	Bromoform	0.562	0.577	-2.7	98	0.00
50 T	4-Methyl-2-Pentanone	0.953	0.904	5.1	92	0.00
51 T	2-Hexanone	0.744	0.768	-3.2	94	0.00
52 T	Tetrachloroethene	0.320	0.322	-0.6	93	0.00
53 T	Toluene	0.981	0.998	-1.7	94	0.00
54 T	1,2-Dibromoethane	0.588	0.558	5.1	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
56	1,1,1,2-Tetrachloroethane	0.463	0.409	11.7	99	0.00
57 T	Chlorobenzene	0.823	0.718	12.8	99	0.00
58 T	Ethyl Benzene	1.324	1.284	3.0	99	0.00
59 T	m/p-Xylene	1.158	1.069	7.7	98	0.00
60 T	o-Xylene	1.167	1.068	8.5	99	0.00
61 T	Styrene	0.786	0.818	-4.1	101	0.00
62	Isopropylbenzene	1.572	1.458	7.3	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.735	13.4	99	0.00
64	n-propylbenzene	0.407	0.376	7.6	99	0.00
65	tert-Butylbenzene	1.435	1.292	10.0	96	0.00
66 T	Benzyl Chloride	0.683	0.756	-10.7	101	0.00
67	sec-Butylbenzene	2.008	1.813	9.7	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.811	0.797	1.7	111	0.00
69	p-Isopropyltoluene	1.660	1.524	8.2	96	0.00
70	n-Butylbenzene	1.780	1.597	10.3	96	0.00
71	2-Chlorotoluene	1.166	1.109	4.9	100	0.00
72 T	4-Ethyltoluene	1.334	1.266	5.1	98	0.00
73 T	1,3,5-Trimethylbenzene	1.302	1.202	7.7	99	0.00
74 T	1,2,4-Trimethylbenzene	1.417	1.242	12.4	96	0.00
75 T	1,3-Dichlorobenzene	0.868	0.724	16.6	96	0.00
76 T	1,4-Dichlorobenzene	0.825	0.729	11.6	97	0.00
77 T	1,2-Dichlorobenzene	0.816	0.689	15.6	94	0.00
78 T	Hexachloro-1,3-Butadiene	0.617	0.528	14.4	105	0.00
79 T	Naphthalene	1.316	1.096	16.7	82	0.00
80 T	Naphthalene,2-methyl-	0.500	0.412	17.6	69	0.00
81 T	1,2,4-Trichlorobenzene	0.771	0.600	22.2	83	0.00

(#) = Out of Range

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