

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051719\
 Data File : VL033707.D
 Acq On : 17 May 2019 7:10
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL051719

Quant Time: May 17 08:33:58 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	115	0.00
2 T	Dichlorodifluoromethane	2.107	1.922	8.8	122	0.00
3	Chlorodifluoromethane	1.145	1.117	2.4	118	0.00
4	Chloromethane	0.655	0.627	4.3	115	0.00
5 T	Vinyl Chloride	0.667	0.620	7.0	116	0.00
6 T	Bromomethane	0.407	0.405	0.5	116	0.00
7	Chloroethane	0.237	0.237	0.0	119	0.00
8 T	Dichlorotetrafluoroethane	1.699	1.559	8.2	113	0.00
9 T	Propene	0.487	0.487	0.0	115	0.00
10 T	Heptane	1.380	1.252	9.3	106	0.00
11 T	Trichlorofluoromethane	2.011	1.825	9.2	106	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.405	1.242	11.6	104	0.00
13	Ethanol	0.157	0.113	28.0	104	0.00
14 T	Bromoethene	0.516	0.515	0.2	118	0.00
15 T	Acetone	1.387	1.150	17.1	105	0.00
16 T	1,3-Butadiene	0.553	0.542	2.0	116	0.00
17	tert-Butyl alcohol	1.122	1.022	8.9	101	0.00
18 T	1,1-Dichloroethene	0.593	0.551	7.1	106	0.00
19 T	Isopropyl Alcohol	0.895	0.788	12.0	98	0.00
20 T	Methylene Chloride	0.534	0.459	14.0	107	0.00
21 T	Allyl Chloride	0.865	0.812	6.1	104	0.00
22 T	trans-1,2-Dichloroethene	0.608	0.598	1.6	119	0.00
23 T	Vinyl Acetate	1.829	1.892	-3.4	116	0.00
24 T	1,1-Dichloroethane	1.391	1.309	5.9	116	0.00
25 T	Ethyl Acetate	2.437	2.220	8.9	109	0.00
26 T	Hexane	1.048	0.974	7.1	108	0.00
27 T	Carbon Disulfide	1.438	1.428	0.7	107	0.00
28 T	Methyl tert-Butyl Ether	1.708	1.745	-2.2	118	0.00
29 T	Chloroform	1.930	1.651	14.5	108	0.00
30 T	Cyclohexane	0.881	0.822	6.7	105	0.00
31 T	cis-1,2-Dichloroethene	1.039	1.025	1.3	117	0.00
32 T	1,1,1-Trichloroethane	1.927	1.726	10.4	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.00
34 T	2-Butanone	0.620	0.618	0.3	115	0.00
35 T	Carbon Tetrachloride	0.801	0.751	6.2	106	0.00
36 T	Benzene	0.910	0.872	4.2	109	0.00
37 T	1,2-Dichloroethane	0.587	0.524	10.7	106	0.00
38 T	Trichloroethene	0.338	0.345	-2.1	110	0.00
39 T	1,2-Dichloropropane	0.339	0.321	5.3	108	0.00
40 T	1,4-Dioxane	0.142	0.128	9.9	102	0.00
41 T	Tetrahydrofuran	0.347	0.350	-0.9	109	0.00
42 T	Bromodichloromethane	0.803	0.749	6.7	107	0.00
43	Methyl Methacrylate	0.335	0.339	-1.2	108	0.00
44 T	2,2,4-Trimethylpentane	1.537	1.409	8.3	105	0.00
45 T	t-1,3-Dichloropropene	0.424	0.469	-10.6	106	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.497	0.530	-6.6	105	0.00
47 T	1,1,2-Trichloroethane	0.385	0.357	7.3	107	0.00
48 T	Dibromochloromethane	0.668	0.646	3.3	104	0.00
49 T	Bromoform	0.562	0.559	0.5	107	0.00
50 T	4-Methyl-2-Pentanone	0.953	0.902	5.4	103	0.00
51 T	2-Hexanone	0.744	0.747	-0.4	104	0.00
52 T	Tetrachloroethene	0.320	0.327	-2.2	106	0.00
53 T	Toluene	0.981	1.004	-2.3	106	0.00
54 T	1,2-Dibromoethane	0.588	0.559	4.9	105	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	125	0.00
56	1,1,1,2-Tetrachloroethane	0.463	0.400	13.6	108	0.00
57 T	Chlorobenzene	0.823	0.714	13.2	110	0.00
58 T	Ethyl Benzene	1.324	1.283	3.1	110	0.00
59 T	m/p-Xylene	1.158	1.060	8.5	109	0.00
60 T	o-Xylene	1.167	1.043	10.6	107	0.00
61 T	Styrene	0.786	0.804	-2.3	110	0.00
62	Isopropylbenzene	1.572	1.407	10.5	108	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.705	17.0	106	0.00
64	n-propylbenzene	0.407	0.364	10.6	107	0.00
65	tert-Butylbenzene	1.435	1.261	12.1	105	0.00
66 T	Benzyl Chloride	0.683	0.705	-3.2	105	0.00
67	sec-Butylbenzene	2.008	1.758	12.5	105	0.00
68 S	1-Bromo-4-Fluorobenzene	0.811	0.777	4.2	120	0.00
69	p-Isopropyltoluene	1.660	1.478	11.0	104	0.00
70	n-Butylbenzene	1.780	1.536	13.7	103	0.00
71	2-Chlorotoluene	1.166	1.062	8.9	107	0.00
72 T	4-Ethyltoluene	1.334	1.238	7.2	107	0.00
73 T	1,3,5-Trimethylbenzene	1.302	1.163	10.7	106	0.00
74 T	1,2,4-Trimethylbenzene	1.417	1.215	14.3	104	0.00
75 T	1,3-Dichlorobenzene	0.868	0.713	17.9	105	0.00
76 T	1,4-Dichlorobenzene	0.825	0.711	13.8	105	0.00
77 T	1,2-Dichlorobenzene	0.816	0.685	16.1	105	0.00
78 T	Hexachloro-1,3-Butadiene	0.617	0.498	19.3	111	0.00
79 T	Naphthalene	1.316	1.409	-7.1	117	0.00
80 T	Naphthalene,2-methyl-	0.500	0.599	-19.8	112	0.00
81 T	1,2,4-Trichlorobenzene	0.771	0.714	7.4	110	0.00

(#) = Out of Range

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