

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL010419\
 Data File : VL033069.D
 Acq On : 4 Jan 2019 14:50
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL010419

Quant Time: Jan 05 01:55:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 04 16:09:05 2019
 QLast Update : Fri Jan 04 16:09:05 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	100	0.00
2 T	Dichlorodifluoromethane	1.861	1.303	30.0	68	0.00
3	Chlorodifluoromethane	1.132	1.232	-8.8	118	0.00
4	Chloromethane	0.648	0.692	-6.8	126	0.00
5 T	Vinyl Chloride	0.655	0.697	-6.4	121	0.00
6 T	Bromomethane	0.445	0.448	-0.7	115	0.00
7	Chloroethane	0.256	0.261	-2.0	120	0.00
8 T	Dichlorotetrafluoroethane	1.603	1.704	-6.3	115	0.00
9 T	Propene	0.423	0.529	-25.1	134	0.00
10 T	Heptane	1.204	1.193	0.9	106	0.00
11 T	Trichlorofluoromethane	2.056	1.764	14.2	106	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.300	1.129	13.2	99	0.00
13	Ethanol	0.169	0.151	10.7	145	0.00
14 T	Bromoethene	0.574	0.564	1.7	113	0.00
15 T	Acetone	1.384	1.175	15.1	112	0.00
16 T	1,3-Butadiene	0.522	0.560	-7.3	121	0.00
17	tert-Butyl alcohol	0.293	0.318	-8.5	125	0.00
18 T	1,1-Dichloroethene	0.599	0.556	7.2	108	0.00
19 T	Isopropyl Alcohol	0.953	0.967	-1.5	142	0.00
20 T	Methylene Chloride	0.577	0.461	20.1	104	0.00
21 T	Allyl Chloride	0.858	0.840	2.1	105	0.00
22 T	trans-1,2-Dichloroethene	0.594	0.508	14.5	99	0.00
23 T	Vinyl Acetate	1.761	1.690	4.0	106	0.00
24 T	1,1-Dichloroethane	1.495	1.285	14.0	104	0.00
25 T	Ethyl Acetate	2.340	2.057	12.1	102	0.00
26 T	Hexane	1.102	0.946	14.2	102	0.00
27 T	Carbon Disulfide	1.359	1.281	5.7	99	0.00
28 T	Methyl tert-Butyl Ether	1.720	1.633	5.1	108	0.00
29 T	Chloroform	1.877	1.574	16.1	98	0.00
30 T	Cyclohexane	0.821	0.831	-1.2	106	0.00
31 T	cis-1,2-Dichloroethene	1.023	1.007	1.6	109	0.00
32 T	1,1,1-Trichloroethane	1.905	1.640	13.9	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
34 T	2-Butanone	0.581	0.513	11.7	105	0.00
35 T	Carbon Tetrachloride	0.859	0.696	19.0	97	0.00
36 T	Benzene	0.819	0.774	5.5	107	0.00
37 T	1,2-Dichloroethane	0.572	0.481	15.9	98	0.00
38 T	Trichloroethene	0.337	0.327	3.0	107	0.00
39 T	1,2-Dichloropropane	0.308	0.292	5.2	109	0.00
40 T	1,4-Dioxane	0.117	0.102	12.8	106	0.00
41 T	Tetrahydrofuran	0.296	0.295	0.3	109	0.00
42 T	Bromodichloromethane	0.786	0.691	12.1	103	0.00
43	Methyl Methacrylate	0.307	0.316	-2.9	107	0.00
44 T	2,2,4-Trimethylpentane	1.387	1.295	6.6	106	0.00
45 T	t-1,3-Dichloropropene	0.383	0.447	-16.7	108	0.00

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46 T	cis-1,3-Dichloropropene	0.437	0.506	-15.8	109	0.00
47 T	1,1,2-Trichloroethane	0.360	0.329	8.6	106	0.00
48 T	Dibromochloromethane	0.635	0.620	2.4	104	0.00
49 T	Bromoform	0.555	0.521	6.1	102	0.00
50 T	4-Methyl-2-Pentanone	0.736	0.742	-0.8	106	0.00
51 T	2-Hexanone	0.533	0.579	-8.6	107	0.00
52 T	Tetrachloroethene	0.290	0.295	-1.7	109	0.00
53 T	Toluene	0.878	0.923	-5.1	106	0.00
54 T	1,2-Dibromoethane	0.518	0.531	-2.5	108	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.517	0.451	12.8	103	0.00
57 T	Chlorobenzene	0.835	0.755	9.6	106	0.00
58 T	Ethyl Benzene	1.263	1.308	-3.6	105	0.00
59 T	m/p-Xylene	1.168	1.102	5.7	103	0.03
60 T	o-Xylene	1.143	1.066	6.7	101	0.00
61 T	Styrene	0.730	0.809	-10.8	105	0.00
62	Isopropylbenzene	1.627	1.528	6.1	105	0.00
63 T	1,1,2,2-Tetrachloroethane	0.849	0.720	15.2	101	0.00
64	n-propylbenzene	0.413	0.390	5.6	105	0.00
65	tert-Butylbenzene	1.441	1.341	6.9	104	0.00
66 T	Benzyl Chloride	0.822	0.828	-0.7	104	0.00
67	sec-Butylbenzene	2.063	1.869	9.4	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.767	0.781	-1.8	105	0.00
69	p-Isopropyltoluene	1.674	1.550	7.4	102	0.00
70	n-Butylbenzene	1.683	1.565	7.0	103	0.00
71	2-Chlorotoluene	1.154	1.133	1.8	104	0.00
72 T	4-Ethyltoluene	1.257	1.252	0.4	105	0.00
73 T	1,3,5-Trimethylbenzene	1.240	1.181	4.8	104	0.00
74 T	1,2,4-Trimethylbenzene	1.373	1.205	12.2	102	0.00
75 T	1,3-Dichlorobenzene	0.808	0.681	15.7	103	0.00
76 T	1,4-Dichlorobenzene	0.736	0.670	9.0	104	0.00
77 T	1,2-Dichlorobenzene	0.728	0.648	11.0	103	0.00
78 T	Hexachloro-1,3-Butadiene	0.559	0.504	9.8	139	0.00
79 T	Naphthalene	1.157	1.197	-3.5	107	0.00
80 T	Naphthalene,2-methyl-	0.351	0.532	-51.6#	127	0.00
81 T	1,2,4-Trichlorobenzene	0.559	0.561	-0.4	108	0.00

(#) = Out of Range

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