

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
 Data File : VL032927.D
 Acq On : 7 Dec 2018 8:30
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampled :
 ICVVL120718

Quant Time: Dec 08 02:06:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 QLast Update : Fri Dec 07 09:35:17 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	96	0.00
2 T	Dichlorodifluoromethane	1.335	1.291	3.3	98	0.00
3	Chlorodifluoromethane	0.757	0.759	-0.3	104	0.00
4	Chloromethane	0.441	0.426	3.4	107	0.00
5 T	Vinyl Chloride	0.449	0.432	3.8	103	0.00
6 T	Bromomethane	0.281	0.284	-1.1	102	0.00
7	Chloroethane	0.161	0.164	-1.9	104	0.00
8 T	Dichlorotetrafluoroethane	1.109	1.078	2.8	100	0.00
9 T	Propene	0.299	0.329	-10.0	114	0.00
10 T	Heptane	1.125	1.312	-16.6	109	0.00
11 T	Trichlorofluoromethane	1.258	1.224	2.7	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.073	0.882	17.8	87	0.00
13	Ethanol	0.103	0.074	28.2	103	0.00
14 T	Bromoethene	0.356	0.363	-2.0	98	0.00
15 T	Acetone	0.858	0.766	10.7	101	0.00
16 T	1,3-Butadiene	0.341	0.349	-2.3	100	0.00
17	tert-Butyl alcohol	0.219	0.211	3.7	94	0.00
18 T	1,1-Dichloroethene	0.420	0.387	7.9	97	0.00
19 T	Isopropyl Alcohol	0.539	0.561	-4.1	107	0.00
20 T	Methylene Chloride	0.420	0.359	14.5	91	0.00
21 T	Allyl Chloride	0.699	0.643	8.0	89	0.00
22 T	trans-1,2-Dichloroethene	0.522	0.513	1.7	105	0.00
23 T	Vinyl Acetate	1.453	1.917	-31.9#	131	0.00
24 T	1,1-Dichloroethane	1.264	1.436	-13.6	123	0.00
25 T	Ethyl Acetate	2.028	2.006	1.1	96	0.00
26 T	Hexane	0.936	0.922	1.5	94	0.00
27 T	Carbon Disulfide	1.170	1.031	11.9	86	0.00
28 T	Methyl tert-Butyl Ether	1.406	1.813	-28.9	126	0.00
29 T	Chloroform	1.670	1.457	12.8	87	0.00
30 T	Cyclohexane	0.776	0.917	-18.2	111	0.00
31 T	cis-1,2-Dichloroethene	0.859	0.960	-11.8	106	0.00
32 T	1,1,1-Trichloroethane	1.767	1.793	-1.5	103	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
34 T	2-Butanone	0.436	0.421	3.4	104	0.00
35 T	Carbon Tetrachloride	0.786	0.682	13.2	103	0.00
36 T	Benzene	0.736	0.760	-3.3	111	0.00
37 T	1,2-Dichloroethane	0.501	0.478	4.6	104	0.00
38 T	Trichloroethene	0.306	0.307	-0.3	105	0.00
39 T	1,2-Dichloropropane	0.279	0.281	-0.7	109	0.00
40 T	1,4-Dioxane	0.103	0.100	2.9	110	0.00
41 T	Tetrahydrofuran	0.271	0.283	-4.4	107	0.00
42 T	Bromodichloromethane	0.694	0.659	5.0	102	0.00
43	Methyl Methacrylate	0.273	0.298	-9.2	106	0.00
44 T	2,2,4-Trimethylpentane	1.249	1.260	-0.9	106	0.00
45 T	t-1,3-Dichloropropene	0.334	0.408	-22.2	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.409	0.470	-14.9	107	0.00
47 T	1,1,2-Trichloroethane	0.307	0.317	-3.3	110	0.00
48 T	Dibromochloromethane	0.576	0.582	-1.0	105	0.00
49 T	Bromoform	0.474	0.489	-3.2	104	0.00
50 T	4-Methyl-2-Pentanone	0.697	0.723	-3.7	109	0.00
51 T	2-Hexanone	0.472	0.549	-16.3	107	0.00
52 T	Tetrachloroethene	0.268	0.269	-0.4	106	0.00
53 T	Toluene	0.780	0.837	-7.3	102	0.00
54 T	1,2-Dibromoethane	0.480	0.492	-2.5	106	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.390	12.6	104	0.00
57 T	Chlorobenzene	0.722	0.638	11.6	107	0.00
58 T	Ethyl Benzene	1.067	1.120	-5.0	107	0.00
59 T	m/p-Xylene	0.967	0.929	3.9	104	-0.03
60 T	o-Xylene	0.977	0.899	8.0	102	0.00
61 T	Styrene	0.650	0.679	-4.5	99	0.00
62	Isopropylbenzene	1.363	1.310	3.9	104	0.00
63 T	1,1,2,2-Tetrachloroethane	0.758	0.618	18.5	103	0.00
64	n-propylbenzene	0.354	0.338	4.5	100	0.00
65	tert-Butylbenzene	1.263	1.159	8.2	93	0.00
66 T	Benzyl Chloride	0.700	0.688	1.7	96	0.00
67	sec-Butylbenzene	1.863	1.773	4.8	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.739	0.680	8.0	102	0.00
69	p-Isopropyltoluene	1.509	1.464	3.0	103	0.00
70	n-Butylbenzene	1.389	1.385	0.3	103	0.00
71	2-Chlorotoluene	1.013	0.970	4.2	97	0.00
72 T	4-Ethyltoluene	1.090	1.146	-5.1	106	0.00
73 T	1,3,5-Trimethylbenzene	1.065	1.092	-2.5	111	0.00
74 T	1,2,4-Trimethylbenzene	1.202	1.049	12.7	94	0.00
75 T	1,3-Dichlorobenzene	0.708	0.594	16.1	96	0.00
76 T	1,4-Dichlorobenzene	0.660	0.586	11.2	95	0.00
77 T	1,2-Dichlorobenzene	0.661	0.631	4.5	106	0.00
78 T	Hexachloro-1,3-Butadiene	0.364	0.365	-0.3	138	0.00
79 T	Naphthalene	0.776	0.882	-13.7	114	0.00
80 T	Naphthalene,2-methyl-	0.166	0.247	-48.8#	121	0.00
81 T	1,2,4-Trichlorobenzene	0.412	0.438	-6.3	115	0.00

(#) = Out of Range

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