

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062918\
 Data File : VL032152.D
 Acq On : 29 Jun 2018 23:11
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062918

Quant Time: Jul 03 14:27:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	127	0.00
2 T	Dichlorodifluoromethane	1.317	1.194	9.3	152#	0.00
3	Chlorodifluoromethane	1.222	1.270	-3.9	145	0.00
4	Chloromethane	0.652	0.659	-1.1	136	0.00
5 T	Vinyl Chloride	0.659	0.644	2.3	136	0.00
6 T	Bromomethane	0.375	0.383	-2.1	139	0.00
7	Chloroethane	0.233	0.232	0.4	138	0.00
8 T	Dichlorotetrafluoroethane	1.469	1.405	4.4	137	0.00
9 T	Propene	0.569	0.538	5.4	128	0.00
10 T	Heptane	1.660	1.585	4.5	125	-0.01
11 T	Trichlorofluoromethane	1.425	1.344	5.7	128	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.949	0.889	6.3	133	0.00
13	Ethanol	0.173	0.104	39.9#	96	0.00
14 T	Bromoethene	0.451	0.446	1.1	133	0.00
15 T	Acetone	1.169	1.108	5.2	134	0.00
16 T	1,3-Butadiene	0.558	0.550	1.4	128	0.00
17	tert-Butyl alcohol	0.745	0.305	59.1#	53	0.00
18 T	1,1-Dichloroethene	0.454	0.436	4.0	130	0.00
19 T	Isopropyl Alcohol	0.972	0.751	22.7	102	0.00
20 T	Methylene Chloride	0.427	0.390	8.7	135	0.00
21 T	Allyl Chloride	0.798	0.775	2.9	128	0.00
22 T	trans-1,2-Dichloroethene	0.474	0.468	1.3	142	0.00
23 T	Vinyl Acetate	2.120	1.986	6.3	127	0.00
24 T	1,1-Dichloroethane	1.358	1.304	4.0	133	0.00
25 T	Ethyl Acetate	2.419	2.189	9.5	127	0.00
26 T	Hexane	1.114	1.013	9.1	131	0.00
27 T	Carbon Disulfide	1.107	1.084	2.1	126	0.00
28 T	Methyl tert-Butyl Ether	1.969	1.737	11.8	120	0.00
29 T	Chloroform	1.622	1.530	5.7	130	0.00
30 T	Cyclohexane	1.050	1.027	2.2	142	-0.01
31 T	cis-1,2-Dichloroethene	1.113	1.090	2.1	134	-0.02
32 T	1,1,1-Trichloroethane	1.700	1.677	1.4	140	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	136	0.00
34 T	2-Butanone	0.635	0.566	10.9	127	0.00
35 T	Carbon Tetrachloride	0.685	0.633	7.6	142	-0.01
36 T	Benzene	0.968	0.919	5.1	145	0.00
37 T	1,2-Dichloroethane	0.482	0.476	1.2	145	-0.01
38 T	Trichloroethene	0.378	0.310	18.0	120	0.00
39 T	1,2-Dichloropropane	0.382	0.346	9.4	131	-0.01
40 T	1,4-Dioxane	0.150	0.116	22.7	107	-0.02
41 T	Tetrahydrofuran	0.380	0.320	15.8	119	-0.01
42 T	Bromodichloromethane	0.756	0.697	7.8	124	-0.01
43	Methyl Methacrylate	0.401	0.367	8.5	123	0.00
44 T	2,2,4-Trimethylpentane	1.694	1.497	11.6	125	-0.01
45 T	t-1,3-Dichloropropene	0.497	0.493	0.8	126	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.594	0.574	3.4	133	-0.01
47 T	1,1,2-Trichloroethane	0.397	0.354	10.8	126	-0.01
48 T	Dibromochloromethane	0.614	0.551	10.3	119	-0.01
49 T	Bromoform	0.514	0.417	18.9	107	-0.01
50 T	4-Methyl-2-Pentanone	1.040	0.934	10.2	130	-0.01
51 T	2-Hexanone	0.862	0.734	14.8	119	0.00
52 T	Tetrachloroethene	0.352	0.274	22.2	120	-0.01
53 T	Toluene	1.170	1.023	12.6	124	-0.01
54 T	1,2-Dibromoethane	0.596	0.520	12.8	121	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	111	-0.01
56	1,1,1,2-Tetrachloroethane	0.446	0.425	4.7	120	-0.02
57 T	Chlorobenzene	0.866	0.820	5.3	122	-0.01
58 T	Ethyl Benzene	1.612	1.548	4.0	125	-0.01
59 T	m/p-Xylene	1.292	1.206	6.7	124	-0.01
60 T	o-Xylene	1.288	1.194	7.3	124	-0.01
61 T	Styrene	1.056	0.965	8.6	113	-0.01
62	Isopropylbenzene	1.981	1.692	14.6	118	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.998	0.784	21.4	116	0.00
64	n-propylbenzene	0.513	0.438	14.6	119	-0.02
65	tert-Butylbenzene	1.741	1.358	22.0	114	0.00
66 T	Benzyl Chloride	1.075	0.876	18.5	98	-0.01
67	sec-Butylbenzene	2.549	1.969	22.8	113	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.764	0.828	-8.4	128	-0.02
69	p-Isopropyltoluene	2.045	1.560	23.7	108	-0.01
70	n-Butylbenzene	2.135	1.604	24.9	107	0.00
71	2-Chlorotoluene	1.525	1.302	14.6	121	-0.02
72 T	4-Ethyltoluene	1.664	1.420	14.7	118	-0.01
73 T	1,3,5-Trimethylbenzene	1.568	1.329	15.2	117	-0.02
74 T	1,2,4-Trimethylbenzene	1.582	1.260	20.4	114	-0.02
75 T	1,3-Dichlorobenzene	0.900	0.688	23.6	109	-0.02
76 T	1,4-Dichlorobenzene	0.912	0.692	24.1	104	-0.01
77 T	1,2-Dichlorobenzene	0.899	0.653	27.4	101	-0.01
78 T	Hexachloro-1,3-Butadiene	0.313	0.164	47.6#	73	-0.02
79 T	Naphthalene	1.438	0.954	33.7#	77	-0.02
80 T	Naphthalene,2-methyl-	0.519	0.622	-19.8	92	-0.01
81 T	1,2,4-Trichlorobenzene	0.649	0.456	29.7	81	-0.02

(#) = Out of Range

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