

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071818\
 Data File : VL032266.D
 Acq On : 18 Jul 2018 17:26
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVV071818

Quant Time: Jul 19 02:03:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 18 14:38:53 2018
 QLast Update : Wed Jul 18 14:38:53 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	98	0.00
2 T	Dichlorodifluoromethane	1.700	1.500	11.8	93	0.00
3	Chlorodifluoromethane	1.122	1.056	5.9	101	0.00
4	Chloromethane	0.661	0.612	7.4	97	0.00
5 T	Vinyl Chloride	0.626	0.575	8.1	96	0.00
6 T	Bromomethane	0.341	0.320	6.2	98	0.00
7	Chloroethane	0.222	0.209	5.9	99	0.00
8 T	Dichlorotetrafluoroethane	1.388	1.196	13.8	94	0.00
9 T	Propene	0.490	0.519	-5.9	104	0.00
10 T	Heptane	1.559	1.492	4.3	87	0.00
11 T	Trichlorofluoromethane	1.329	1.176	11.5	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.848	0.774	8.7	99	0.00
13	Ethanol	0.140	0.127	9.3	106	0.00
14 T	Bromoethene	0.382	0.371	2.9	100	0.00
15 T	Acetone	1.047	0.941	10.1	96	0.00
16 T	1,3-Butadiene	0.533	0.514	3.6	97	0.00
17	tert-Butyl alcohol	0.330	0.337	-2.1	106	0.00
18 T	1,1-Dichloroethene	0.396	0.368	7.1	98	0.00
19 T	Isopropyl Alcohol	0.708	0.704	0.6	98	0.00
20 T	Methylene Chloride	0.403	0.332	17.6	96	0.00
21 T	Allyl Chloride	0.689	0.674	2.2	99	0.00
22 T	trans-1,2-Dichloroethene	0.411	0.388	5.6	97	0.00
23 T	Vinyl Acetate	1.877	1.917	-2.1	100	0.00
24 T	1,1-Dichloroethane	1.362	1.249	8.3	96	0.00
25 T	Ethyl Acetate	2.280	2.155	5.5	99	0.00
26 T	Hexane	1.047	0.988	5.6	99	0.00
27 T	Carbon Disulfide	0.927	0.941	-1.5	95	0.00
28 T	Methyl tert-Butyl Ether	1.552	1.540	0.8	97	0.00
29 T	Chloroform	1.544	1.418	8.2	94	0.00
30 T	Cyclohexane	0.878	0.887	-1.0	100	0.00
31 T	cis-1,2-Dichloroethene	1.004	1.012	-0.8	101	0.00
32 T	1,1,1-Trichloroethane	1.562	1.411	9.7	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
34 T	2-Butanone	0.686	0.676	1.5	101	0.00
35 T	Carbon Tetrachloride	0.688	0.649	5.7	98	0.00
36 T	Benzene	0.984	0.956	2.8	101	0.00
37 T	1,2-Dichloroethane	0.581	0.508	12.6	92	0.00
38 T	Trichloroethene	0.326	0.312	4.3	98	0.00
39 T	1,2-Dichloropropane	0.390	0.387	0.8	103	0.00
40 T	1,4-Dioxane	0.115	0.119	-3.5	97	0.00
41 T	Tetrahydrofuran	0.400	0.401	-0.3	94	0.00
42 T	Bromodichloromethane	0.732	0.731	0.1	101	0.00
43	Methyl Methacrylate	0.403	0.408	-1.2	85	0.00
44 T	2,2,4-Trimethylpentane	1.716	1.650	3.8	90	0.00
45 T	t-1,3-Dichloropropene	0.475	0.523	-10.1	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.606	0.615	-1.5	88	0.00
47 T	1,1,2-Trichloroethane	0.421	0.424	-0.7	99	0.00
48 T	Dibromochloromethane	0.614	0.545	11.2	85	0.00
49 T	Bromoform	0.536	0.531	0.9	99	0.00
50 T	4-Methyl-2-Pentanone	1.129	1.048	7.2	88	0.00
51 T	2-Hexanone	0.861	0.794	7.8	97	0.00
52 T	Tetrachloroethene	0.336	0.302	10.1	99	0.00
53 T	Toluene	1.193	1.201	-0.7	99	0.00
54 T	1,2-Dibromoethane	0.621	0.539	13.2	87	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
56	1,1,1,2-Tetrachloroethane	0.445	0.406	8.8	102	0.00
57 T	Chlorobenzene	0.820	0.738	10.0	103	0.00
58 T	Ethyl Benzene	1.409	1.397	0.9	98	0.00
59 T	m/p-Xylene	1.202	1.110	7.7	102	0.00
60 T	o-Xylene	1.197	1.075	10.2	103	0.00
61 T	Styrene	0.889	0.882	0.8	98	0.00
62	Isopropylbenzene	1.716	1.537	10.4	96	0.00
63 T	1,1,2,2-Tetrachloroethane	1.021	0.794	22.2	101	0.00
64	n-propylbenzene	0.441	0.399	9.5	95	0.00
65	tert-Butylbenzene	1.462	1.244	14.9	96	0.00
66 T	Benzyl Chloride	0.823	0.847	-2.9	91	0.00
67	sec-Butylbenzene	2.182	1.867	14.4	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.811	0.777	4.2	96	0.00
69	p-Isopropyltoluene	1.685	1.493	11.4	98	0.00
70	n-Butylbenzene	1.880	1.663	11.5	97	0.00
71	2-Chlorotoluene	1.376	1.233	10.4	95	0.00
72 T	4-Ethyltoluene	1.383	1.276	7.7	95	0.00
73 T	1,3,5-Trimethylbenzene	1.352	1.206	10.8	95	0.00
74 T	1,2,4-Trimethylbenzene	1.416	1.184	16.4	96	0.00
75 T	1,3-Dichlorobenzene	0.787	0.644	18.2	95	0.00
76 T	1,4-Dichlorobenzene	0.780	0.657	15.8	95	0.00
77 T	1,2-Dichlorobenzene	0.760	0.644	15.3	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.247	0.395	-59.9#	200#	0.00
79 T	Naphthalene	1.189	1.128	5.1	100	0.00
80 T	Naphthalene,2-methyl-	0.505	0.557	-10.3	101	0.00
81 T	1,2,4-Trichlorobenzene	0.580	0.534	7.9	101	0.00

(#) = Out of Range

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