

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070219\
 Data File : VL033996.D
 Acq On : 2 Jul 2019 21:56
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL070219

Quant Time: Jul 02 22:24:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 02 19:31:31 2019
 QLast Update : Tue Jul 02 19:31:31 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	2.064	1.693	18.0	97	0.00
3	Chlorodifluoromethane	1.235	1.119	9.4	98	0.00
4	Chloromethane	0.710	0.626	11.8	97	0.00
5 T	Vinyl Chloride	0.798	0.679	14.9	96	0.00
6 T	Bromomethane	0.471	0.428	9.1	95	0.00
7	Chloroethane	0.285	0.263	7.7	97	0.00
8 T	Dichlorotetrafluoroethane	2.012	1.734	13.8	95	0.00
9 T	Propene	0.454	0.437	3.7	102	0.00
10 T	Heptane	1.137	1.235	-8.6	100	0.00
11 T	Trichlorofluoromethane	2.321	1.838	20.8	92	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.642	1.404	14.5	99	0.00
13	Ethanol	0.141	0.117	17.0	100	0.00
14 T	Bromoethene	0.613	0.574	6.4	95	0.00
15 T	Acetone	1.681	1.243	26.1	92	0.00
16 T	1,3-Butadiene	0.594	0.567	4.5	96	0.00
17	tert-Butyl alcohol	1.340	1.317	1.7	104	0.00
18 T	1,1-Dichloroethene	0.732	0.656	10.4	99	0.00
19 T	Isopropyl Alcohol	1.129	0.978	13.4	97	0.00
20 T	Methylene Chloride	0.733	0.575	21.6	99	0.00
21 T	Allyl Chloride	1.048	0.983	6.2	101	0.00
22 T	trans-1,2-Dichloroethene	0.697	0.679	2.6	100	0.00
23 T	Vinyl Acetate	1.678	1.797	-7.1	101	0.00
24 T	1,1-Dichloroethane	1.487	1.418	4.6	100	0.00
25 T	Ethyl Acetate	2.300	2.312	-0.5	101	0.00
26 T	Hexane	1.052	1.078	-2.5	104	0.00
27 T	Carbon Disulfide	1.789	1.703	4.8	99	0.00
28 T	Methyl tert-Butyl Ether	1.782	1.881	-5.6	101	0.00
29 T	Chloroform	1.978	1.829	7.5	100	0.00
30 T	Cyclohexane	0.813	0.907	-11.6	105	0.00
31 T	cis-1,2-Dichloroethene	1.017	1.078	-6.0	99	0.00
32 T	1,1,1-Trichloroethane	2.004	1.796	10.4	97	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
34 T	2-Butanone	0.529	0.550	-4.0	101	0.00
35 T	Carbon Tetrachloride	0.792	0.750	5.3	97	0.00
36 T	Benzene	0.782	0.838	-7.2	99	0.00
37 T	1,2-Dichloroethane	0.576	0.557	3.3	97	0.00
38 T	Trichloroethene	0.348	0.369	-6.0	100	0.00
39 T	1,2-Dichloropropane	0.291	0.310	-6.5	101	0.00
40 T	1,4-Dioxane	0.134	0.148	-10.4	111	0.00
41 T	Tetrahydrofuran	0.260	0.297	-14.2	102	0.00
42 T	Bromodichloromethane	0.773	0.783	-1.3	99	0.00
43	Methyl Methacrylate	0.297	0.346	-16.5	102	0.00
44 T	2,2,4-Trimethylpentane	1.351	1.433	-6.1	101	0.00
45 T	t-1,3-Dichloropropene	0.388	0.470	-21.1	98	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.450	0.510	-13.3	96	0.00
47 T	1,1,2-Trichloroethane	0.366	0.374	-2.2	101	0.00
48 T	Dibromochloromethane	0.698	0.676	3.2	98	0.00
49 T	Bromoform	0.596	0.649	-8.9	103	0.00
50 T	4-Methyl-2-Pentanone	0.785	0.809	-3.1	96	0.00
51 T	2-Hexanone	0.633	0.686	-8.4	99	0.00
52 T	Tetrachloroethene	0.337	0.352	-4.5	99	0.00
53 T	Toluene	0.896	1.036	-15.6	100	0.00
54 T	1,2-Dibromoethane	0.540	0.574	-6.3	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.429	4.0	99	0.00
57 T	Chlorobenzene	0.796	0.770	3.3	102	0.00
58 T	Ethyl Benzene	1.203	1.353	-12.5	102	0.00
59 T	m/p-Xylene	1.089	1.161	-6.6	104	0.00
60 T	o-Xylene	1.089	1.125	-3.3	102	0.00
61 T	Styrene	0.721	0.860	-19.3	103	0.00
62	Isopropylbenzene	1.675	1.475	11.9	74	0.00
63 T	1,1,2,2-Tetrachloroethane	0.843	0.785	6.9	101	0.00
64	n-propylbenzene	0.434	0.380	12.4	74	0.00
65	tert-Butylbenzene	1.424	1.307	8.2	73	0.00
66 T	Benzyl Chloride	0.729	0.742	-1.8	73	0.00
67	sec-Butylbenzene	1.999	1.855	7.2	75	0.00
68 S	1-Bromo-4-Fluorobenzene	0.853	0.769	9.8	77	0.00
69	p-Isopropyltoluene	1.648	1.533	7.0	74	0.00
70	n-Butylbenzene	1.731	1.573	9.1	73	0.00
71	2-Chlorotoluene	1.225	1.112	9.2	73	0.00
72 T	4-Ethyltoluene	1.399	1.301	7.0	76	0.00
73 T	1,3,5-Trimethylbenzene	1.302	1.231	5.5	74	0.00
74 T	1,2,4-Trimethylbenzene	1.442	1.286	10.8	73	0.00
75 T	1,3-Dichlorobenzene	0.916	0.768	16.2	73	0.00
76 T	1,4-Dichlorobenzene	0.862	0.768	10.9	75	0.00
77 T	1,2-Dichlorobenzene	0.848	0.729	14.0	74	0.00
78 T	Hexachloro-1,3-Butadiene	0.722	0.550	23.8	75	0.00
79 T	Naphthalene	1.212	1.184	2.3	75	0.00
80 T	Naphthalene,2-methyl-	0.441	0.396	10.2	74	0.00
81 T	1,2,4-Trichlorobenzene	0.778	0.712	8.5	76	0.00

(#) = Out of Range

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