

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073019\
 Data File : VL034055.D
 Acq On : 30 Jul 2019 7:18
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVV073019

Quant Time: Jul 30 08:00:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 30 06:55:18 2019
 QLast Update : Tue Jul 30 06:55:18 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	99	0.00
2 T	Dichlorodifluoromethane	1.921	1.554	19.1	80	0.00
3	Chlorodifluoromethane	1.154	1.064	7.8	85	0.00
4	Chloromethane	0.677	0.568	16.1	72	0.00
5 T	Vinyl Chloride	0.746	0.620	16.9	71	0.00
6 T	Bromomethane	0.470	0.398	15.3	67	0.00
7	Chloroethane	0.302	0.242	19.9	66	0.00
8 T	Dichlorotetrafluoroethane	1.913	1.569	18.0	70	0.00
9 T	Propene	0.414	0.409	1.2	87	0.00
10 T	Heptane	1.130	1.183	-4.7	105	0.00
11 T	Trichlorofluoromethane	2.136	1.701	20.4	67	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.437	1.229	14.5	95	0.00
13	Ethanol	0.165	0.133	19.4	96	0.00
14 T	Bromoethene	0.607	0.519	14.5	75	0.00
15 T	Acetone	1.520	1.176	22.6	69	0.00
16 T	1,3-Butadiene	0.590	0.534	9.5	67	0.00
17	tert-Butyl alcohol	1.250	1.196	4.3	96	0.00
18 T	1,1-Dichloroethene	0.651	0.552	15.2	88	0.00
19 T	Isopropyl Alcohol	1.038	0.926	10.8	74	0.00
20 T	Methylene Chloride	0.581	0.492	15.3	94	0.00
21 T	Allyl Chloride	0.960	0.845	12.0	94	0.00
22 T	trans-1,2-Dichloroethene	0.674	0.537	20.3	84	0.00
23 T	Vinyl Acetate	1.628	1.548	4.9	95	0.00
24 T	1,1-Dichloroethane	1.446	1.226	15.2	90	0.00
25 T	Ethyl Acetate	2.260	2.119	6.2	98	0.00
26 T	Hexane	1.022	0.981	4.0	99	0.00
27 T	Carbon Disulfide	1.592	1.429	10.2	92	0.00
28 T	Methyl tert-Butyl Ether	1.740	1.584	9.0	90	0.00
29 T	Chloroform	1.867	1.640	12.2	95	0.00
30 T	Cyclohexane	1.039	1.219	-17.3	113	0.00
31 T	cis-1,2-Dichloroethene	0.996	0.982	1.4	96	0.00
32 T	1,1,1-Trichloroethane	1.960	1.568	20.0	93	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
34 T	2-Butanone	0.412	0.329	20.1	93	0.00
35 T	Carbon Tetrachloride	0.706	0.683	3.3	141	0.00
36 T	Benzene	0.666	0.782	-17.4	150	0.00
37 T	1,2-Dichloroethane	0.457	0.321	29.8	87	0.00
38 T	Trichloroethene	0.279	0.236	15.4	103	0.00
39 T	1,2-Dichloropropane	0.270	0.289	-7.0	139	0.00
40 T	1,4-Dioxane	0.107	0.087	18.7	107	0.00
41 T	Tetrahydrofuran	0.209	0.187	10.5	101	0.00
42 T	Bromodichloromethane	0.632	0.513	18.8	103	0.00
43	Methyl Methacrylate	0.237	0.226	4.6	106	0.00
44 T	2,2,4-Trimethylpentane	1.105	0.940	14.9	106	0.00
45 T	t-1,3-Dichloropropene	0.305	0.295	3.3	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.343	0.335	2.3	101	0.00
47 T	1,1,2-Trichloroethane	0.281	0.247	12.1	107	0.00
48 T	Dibromochloromethane	0.536	0.435	18.8	73	0.00
49 T	Bromoform	0.468	0.412	12.0	102	0.00
50 T	4-Methyl-2-Pentanone	0.611	0.559	8.5	106	0.00
51 T	2-Hexanone	0.508	0.460	9.4	76	0.00
52 T	Tetrachloroethene	0.261	0.233	10.7	107	0.00
53 T	Toluene	0.695	0.684	1.6	106	0.00
54 T	1,2-Dibromoethane	0.417	0.381	8.6	108	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.405	9.4	108	0.00
57 T	Chlorobenzene	0.775	0.697	10.1	106	0.00
58 T	Ethyl Benzene	1.183	1.238	-4.6	106	0.00
59 T	m/p-Xylene	1.076	1.037	3.6	105	0.00
60 T	o-Xylene	1.069	1.032	3.5	105	0.00
61 T	Styrene	0.706	0.741	-5.0	102	0.00
62	Isopropylbenzene	1.433	1.369	4.5	104	0.00
63 T	1,1,2,2-Tetrachloroethane	0.821	0.728	11.3	107	0.00
64	n-propylbenzene	0.371	0.345	7.0	102	0.00
65	tert-Butylbenzene	1.321	1.227	7.1	105	0.00
66 T	Benzyl Chloride	0.663	0.561	15.4	86	0.00
67	sec-Butylbenzene	1.877	1.745	7.0	106	0.00
68 S	1-Bromo-4-Fluorobenzene	0.790	0.753	4.7	103	0.00
69	p-Isopropyltoluene	1.530	1.431	6.5	106	0.00
70	n-Butylbenzene	1.620	1.528	5.7	108	0.00
71	2-Chlorotoluene	1.040	1.048	-0.8	105	0.00
72 T	4-Ethyltoluene	1.209	1.181	2.3	101	0.00
73 T	1,3,5-Trimethylbenzene	1.230	1.140	7.3	102	0.00
74 T	1,2,4-Trimethylbenzene	1.352	1.172	13.3	102	0.00
75 T	1,3-Dichlorobenzene	0.843	0.687	18.5	101	0.00
76 T	1,4-Dichlorobenzene	0.796	0.679	14.7	102	0.00
77 T	1,2-Dichlorobenzene	0.776	0.673	13.3	105	0.00
78 T	Hexachloro-1,3-Butadiene	0.714	0.505	29.3	96	0.00
79 T	Naphthalene	1.178	1.017	13.7	96	0.00
80 T	Naphthalene,2-methyl-	0.411	0.195	52.6#	57	0.00
81 T	1,2,4-Trichlorobenzene	0.760	0.593	22.0	93	0.00

(#) = Out of Range

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