

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL013020\
 Data File : VL034575.D
 Acq On : 30 Jan 2020 16:35
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL013020

Quant Time: Jan 30 17:22:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 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	103	0.00
2 T	Dichlorodifluoromethane	2.203	1.791	18.7	97	0.00
3	Chlorodifluoromethane	1.208	1.118	7.5	107	0.00
4	Chloromethane	0.739	0.623	15.7	98	0.00
5 T	Vinyl Chloride	0.706	0.603	14.6	100	0.00
6 T	Bromomethane	0.367	0.353	3.8	108	0.00
7	Chloroethane	0.263	0.232	11.8	101	0.00
8 T	Dichlorotetrafluoroethane	1.722	1.421	17.5	99	0.00
9 T	Propene	0.470	0.454	3.4	110	0.00
10 T	Heptane	1.184	1.147	3.1	101	0.00
11 T	Trichlorofluoromethane	2.001	1.637	18.2	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.305	1.102	15.6	97	0.00
13	Ethanol	0.126	0.104	17.5	108	0.00
14 T	Bromoethene	0.512	0.452	11.7	97	0.00
15 T	Acetone	1.470	1.241	15.6	104	0.00
16 T	1,3-Butadiene	0.584	0.542	7.2	99	0.00
17	tert-Butyl alcohol	1.081	0.963	10.9	96	0.00
18 T	1,1-Dichloroethene	0.551	0.482	12.5	97	0.00
19 T	Isopropyl Alcohol	0.858	0.731	14.8	95	0.00
20 T	Methylene Chloride	0.560	0.423	24.5	95	0.00
21 T	Allyl Chloride	0.913	0.814	10.8	97	0.00
22 T	trans-1,2-Dichloroethene	0.577	0.497	13.9	96	0.00
23 T	Vinyl Acetate	1.677	1.730	-3.2	110	0.00
24 T	1,1-Dichloroethane	1.400	1.257	10.2	102	0.00
25 T	Ethyl Acetate	2.379	2.059	13.5	98	0.00
26 T	Hexane	0.997	0.927	7.0	104	0.00
27 T	Carbon Disulfide	1.345	1.228	8.7	93	0.00
28 T	Methyl tert-Butyl Ether	1.700	1.660	2.4	106	0.00
29 T	Chloroform	1.762	1.510	14.3	98	0.00
30 T	Cyclohexane	0.739	0.735	0.5	104	0.00
31 T	cis-1,2-Dichloroethene	1.035	0.984	4.9	101	0.00
32 T	1,1,1-Trichloroethane	1.892	1.580	16.5	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
34 T	2-Butanone	0.726	0.669	7.9	104	0.00
35 T	Carbon Tetrachloride	0.956	0.804	15.9	94	0.00
36 T	Benzene	0.889	0.850	4.4	103	0.00
37 T	1,2-Dichloroethane	0.742	0.633	14.7	97	0.00
38 T	Trichloroethene	0.375	0.345	8.0	96	0.00
39 T	1,2-Dichloropropane	0.369	0.353	4.3	106	0.00
40 T	1,4-Dioxane	0.142	0.121	14.8	93	0.00
41 T	Tetrahydrofuran	0.379	0.377	0.5	106	0.00
42 T	Bromodichloromethane	0.913	0.823	9.9	98	0.00
43	Methyl Methacrylate	0.358	0.362	-1.1	104	0.00
44 T	2,2,4-Trimethylpentane	1.613	1.501	6.9	102	0.00
45 T	t-1,3-Dichloropropene	0.468	0.468	0.0	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.532	0.534	-0.4	96	0.00
47 T	1,1,2-Trichloroethane	0.399	0.362	9.3	100	0.00
48 T	Dibromochloromethane	0.732	0.685	6.4	96	0.00
49 T	Bromoform	0.642	0.611	4.8	95	0.00
50 T	4-Methyl-2-Pentanone	1.035	0.977	5.6	100	0.00
51 T	2-Hexanone	0.815	0.797	2.2	98	0.00
52 T	Tetrachloroethene	0.357	0.328	8.1	102	0.00
53 T	Toluene	0.977	0.975	0.2	101	0.00
54 T	1,2-Dibromoethane	0.598	0.574	4.0	104	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
56	1,1,1,2-Tetrachloroethane	0.494	0.443	10.3	99	0.00
57 T	Chlorobenzene	0.823	0.709	13.9	97	0.00
58 T	Ethyl Benzene	1.338	1.269	5.2	100	0.00
59 T	m/p-Xylene	1.183	1.067	9.8	98	0.00
60 T	o-Xylene	1.188	1.080	9.1	99	0.00
61 T	Styrene	0.792	0.757	4.4	94	0.00
62	Isopropylbenzene	1.539	1.417	7.9	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.919	0.776	15.6	101	0.00
64	n-propylbenzene	0.396	0.369	6.8	99	0.00
65	tert-Butylbenzene	1.395	1.287	7.7	102	0.00
66 T	Benzyl Chloride	0.585	0.608	-3.9	96	0.00
67	sec-Butylbenzene	1.917	1.754	8.5	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.845	0.806	4.6	99	0.00
69	p-Isopropyltoluene	1.556	1.471	5.5	102	0.00
70	n-Butylbenzene	1.652	1.543	6.6	103	0.00
71	2-Chlorotoluene	1.169	1.104	5.6	100	0.00
72 T	4-Ethyltoluene	1.305	1.211	7.2	99	0.00
73 T	1,3,5-Trimethylbenzene	1.275	1.175	7.8	99	0.00
74 T	1,2,4-Trimethylbenzene	1.412	1.232	12.7	100	0.00
75 T	1,3-Dichlorobenzene	0.813	0.688	15.4	99	0.00
76 T	1,4-Dichlorobenzene	0.801	0.682	14.9	98	0.00
77 T	1,2-Dichlorobenzene	0.781	0.678	13.2	102	0.00
78 T	Hexachloro-1,3-Butadiene	0.747	0.571	23.6	94	0.00
79 T	Naphthalene	1.111	0.989	11.0	95	0.00
80 T	Naphthalene,2-methyl-	0.428	0.244	43.0#	50	0.00
81 T	1,2,4-Trichlorobenzene	0.685	0.565	17.5	90	0.00

(#) = Out of Range

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