

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
 Data File : VL036259.D
 Acq On : 20 Jan 2021 23:21
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 21 01:36:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	90	0.00
2 T	Dichlorodifluoromethane	1.340	1.378	-2.8	109	0.00
3	Chlorodifluoromethane	1.228	1.236	-0.7	99	0.00
4	Chloromethane	0.607	0.590	2.8	96	0.00
5 T	Vinyl Chloride	0.574	0.580	-1.0	98	0.00
6 T	Bromomethane	0.321	0.330	-2.8	99	0.00
7	Chloroethane	0.198	0.194	2.0	93	0.00
8 T	Dichlorotetrafluoroethane	1.299	1.330	-2.4	103	0.00
9 T	Propene	0.585	0.531	9.2	96	0.00
10 T	Heptane	1.452	1.382	4.8	94	0.00
11 T	Trichlorofluoromethane	1.363	1.366	-0.2	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.826	0.857	-3.8	103	0.00
13	Ethanol	0.092	0.080	13.0	99	0.00
14 T	Bromoethene	0.376	0.366	2.7	95	0.00
15 T	Acetone	1.225	1.106	9.7	98	0.00
16 T	1,3-Butadiene	0.597	0.588	1.5	98	0.00
17	tert-Butyl alcohol	1.011	0.951	5.9	92	0.00
18 T	1,1-Dichloroethene	0.383	0.382	0.3	102	0.00
19 T	Isopropyl Alcohol	0.738	0.664	10.0	94	0.00
20 T	Methylene Chloride	0.391	0.330	15.6	98	0.00
21 T	Allyl Chloride	0.667	0.667	0.0	94	0.00
22 T	trans-1,2-Dichloroethene	0.354	0.350	1.1	97	0.00
23 T	Vinyl Acetate	1.484	1.466	1.2	92	0.00
24 T	1,1-Dichloroethane	1.075	1.088	-1.2	101	0.00
25 T	Ethyl Acetate	2.459	2.332	5.2	96	0.00
26 T	Hexane	1.024	0.950	7.2	98	0.00
27 T	Carbon Disulfide	0.819	0.924	-12.8	98	0.00
28 T	Methyl tert-Butyl Ether	1.384	1.305	5.7	94	0.00
29 T	Chloroform	1.466	1.501	-2.4	101	0.00
30 T	Cyclohexane	0.782	0.787	-0.6	95	0.00
31 T	cis-1,2-Dichloroethene	0.978	0.990	-1.2	96	0.00
32 T	1,1,1-Trichloroethane	1.418	1.479	-4.3	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.736	0.675	8.3	95	0.00
35 T	Carbon Tetrachloride	0.632	0.672	-6.3	102	0.00
36 T	Benzene	0.916	0.885	3.4	96	0.00
37 T	1,2-Dichloroethane	0.551	0.570	-3.4	102	0.00
38 T	Trichloroethene	0.339	0.290	14.5	99	0.00
39 T	1,2-Dichloropropane	0.372	0.358	3.8	94	0.00
40 T	1,4-Dioxane	0.135	0.119	11.9	103	0.00
41 T	Tetrahydrofuran	0.426	0.401	5.9	92	0.00
42 T	Bromodichloromethane	0.693	0.734	-5.9	100	0.00
43	Methyl Methacrylate	0.389	0.394	-1.3	96	0.00
44 T	2,2,4-Trimethylpentane	1.683	1.530	9.1	95	0.00
45 T	t-1,3-Dichloropropene	0.370	0.418	-13.0	94	0.00
46 T	cis-1,3-Dichloropropene	0.475	0.507	-6.7	93	0.00
47 T	1,1,2-Trichloroethane	0.356	0.340	4.5	95	0.00
48 T	Dibromochloromethane	0.521	0.544	-4.4	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.435	0.421	3.2	88	0.00
50 T	4-Methyl-2-Pentanone	1.098	1.041	5.2	93	0.00
51 T	2-Hexanone	0.866	0.845	2.4	92	0.00
52 T	Tetrachloroethene	0.338	0.275	18.6	95	0.00
53 T	Toluene	1.025	0.970	5.4	94	0.00
54 T	1,2-Dibromoethane	0.528	0.496	6.1	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.427	4.3	95	0.00
57 T	Chlorobenzene	0.785	0.693	11.7	93	0.00
58 T	Ethyl Benzene	1.484	1.351	9.0	93	0.00
59 T	m/p-Xylene	1.275	1.138	10.7	94	0.00
60 T	o-Xylene	1.229	1.067	13.2	94	0.00
61 T	Styrene	0.776	0.729	6.1	89	0.00
62	Isopropylbenzene	1.827	1.555	14.9	91	0.00
63 T	1,1,2,2-Tetrachloroethane	0.915	0.720	21.3	90	0.00
64	n-propylbenzene	0.449	0.392	12.7	89	0.00
65	tert-Butylbenzene	1.548	1.289	16.7	90	0.00
66 T	Benzyl Chloride	0.396	0.395	0.3	76	0.00
67	sec-Butylbenzene	2.299	1.870	18.7	89	0.00
68 S	1-Bromo-4-Fluorobenzene	0.828	0.843	-1.8	90	0.00
69	p-Isopropyltoluene	1.823	1.534	15.9	90	0.00
70	n-Butylbenzene	1.942	1.683	13.3	92	0.00
71	2-Chlorotoluene	1.436	1.211	15.7	88	0.00
72 T	4-Ethyltoluene	1.387	1.193	14.0	89	0.00
73 T	1,3,5-Trimethylbenzene	1.322	1.126	14.8	88	0.00
74 T	1,2,4-Trimethylbenzene	1.356	1.144	15.6	90	0.00
75 T	1,3-Dichlorobenzene	0.727	0.602	17.2	90	0.00
76 T	1,4-Dichlorobenzene	0.719	0.594	17.4	88	0.00
77 T	1,2-Dichlorobenzene	0.710	0.607	14.5	90	0.00
78 T	Hexachloro-1,3-Butadiene	0.568	0.585	-3.0	118	0.00
79 T	Naphthalene	0.793	1.193	-50.4#	126	0.00
80 T	Naphthalene,2-methyl-	0.169	0.278	-64.5#	110	0.00
81 T	1,2,4-Trichlorobenzene	0.463	0.594	-28.3	121	0.00

(#) = Out of Range

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