

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
 Data File : VL036312.D
 Acq On : 4 Feb 2021 8:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 04 09:30:31 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	98	0.02
2 T	Dichlorodifluoromethane	1.340	1.390	-3.7	120	0.00
3	Chlorodifluoromethane	1.228	1.220	0.7	107	0.00
4	Chloromethane	0.607	0.588	3.1	104	0.00
5 T	Vinyl Chloride	0.574	0.587	-2.3	108	0.01
6 T	Bromomethane	0.321	0.316	1.6	104	0.01
7	Chloroethane	0.198	0.208	-5.1	108	0.01
8 T	Dichlorotetrafluoroethane	1.299	1.357	-4.5	114	0.01
9 T	Propene	0.585	0.544	7.0	107	0.00
10 T	Heptane	1.452	1.406	3.2	104	0.02
11 T	Trichlorofluoromethane	1.363	1.433	-5.1	116	0.01
12 T	1,1,2-Trichlorotrifluoroeth	0.826	0.893	-8.1	117	0.02
13	Ethanol	0.092	0.080	13.0	108	0.01
14 T	Bromoethene	0.376	0.371	1.3	105	0.01
15 T	Acetone	1.225	1.139	7.0	110	0.00
16 T	1,3-Butadiene	0.597	0.566	5.2	103	0.01
17	tert-Butyl alcohol	1.011	1.020	-0.9	108	0.00
18 T	1,1-Dichloroethene	0.383	0.390	-1.8	114	0.02
19 T	Isopropyl Alcohol	0.738	0.685	7.2	105	0.01
20 T	Methylene Chloride	0.391	0.341	12.8	110	0.00
21 T	Allyl Chloride	0.667	0.663	0.6	102	0.01
22 T	trans-1,2-Dichloroethene	0.354	0.377	-6.5	114	0.01
23 T	Vinyl Acetate	1.484	1.538	-3.6	105	0.01
24 T	1,1-Dichloroethane	1.075	1.078	-0.3	109	0.01
25 T	Ethyl Acetate	2.459	2.312	6.0	104	0.02
26 T	Hexane	1.024	0.948	7.4	106	0.00
27 T	Carbon Disulfide	0.819	0.970	-18.4	112	0.02
28 T	Methyl tert-Butyl Ether	1.384	1.326	4.2	104	0.01
29 T	Chloroform	1.466	1.534	-4.6	112	0.01
30 T	Cyclohexane	0.782	0.805	-2.9	105	0.01
31 T	cis-1,2-Dichloroethene	0.978	0.994	-1.6	105	0.02
32 T	1,1,1-Trichloroethane	1.418	1.504	-6.1	111	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.01
34 T	2-Butanone	0.736	0.645	12.4	103	0.01
35 T	Carbon Tetrachloride	0.632	0.663	-4.9	113	0.02
36 T	Benzene	0.916	0.876	4.4	107	0.01
37 T	1,2-Dichloroethane	0.551	0.544	1.3	109	0.01
38 T	Trichloroethene	0.339	0.288	15.0	110	0.02
39 T	1,2-Dichloropropane	0.372	0.348	6.5	103	0.02
40 T	1,4-Dioxane	0.135	0.117	13.3	114	0.02
41 T	Tetrahydrofuran	0.426	0.382	10.3	98	0.02
42 T	Bromodichloromethane	0.693	0.725	-4.6	111	0.02
43	Methyl Methacrylate	0.389	0.389	0.0	106	0.01
44 T	2,2,4-Trimethylpentane	1.683	1.507	10.5	106	0.02
45 T	t-1,3-Dichloropropene	0.370	0.418	-13.0	106	0.02
46 T	cis-1,3-Dichloropropene	0.475	0.510	-7.4	106	0.02
47 T	1,1,2-Trichloroethane	0.356	0.348	2.2	109	0.02
48 T	Dibromochloromethane	0.521	0.567	-8.8	111	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.435	0.464	-6.7	109	0.01
50 T	4-Methyl-2-Pentanone	1.098	1.021	7.0	103	0.02
51 T	2-Hexanone	0.866	0.838	3.2	102	0.01
52 T	Tetrachloroethene	0.338	0.280	17.2	108	0.02
53 T	Toluene	1.025	0.974	5.0	106	0.02
54 T	1,2-Dibromoethane	0.528	0.517	2.1	108	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.01
56	1,1,1,2-Tetrachloroethane	0.446	0.453	-1.6	112	0.02
57 T	Chlorobenzene	0.785	0.734	6.5	109	0.01
58 T	Ethyl Benzene	1.484	1.393	6.1	106	0.02
59 T	m/p-Xylene	1.275	1.194	6.4	109	0.02
60 T	o-Xylene	1.229	1.114	9.4	109	0.02
61 T	Styrene	0.776	0.784	-1.0	106	0.01
62	Isopropylbenzene	1.827	1.638	10.3	106	0.02
63 T	1,1,2,2-Tetrachloroethane	0.915	0.809	11.6	113	0.02
64	n-propylbenzene	0.449	0.428	4.7	108	0.02
65	tert-Butylbenzene	1.548	1.381	10.8	107	0.02
66 T	Benzyl Chloride	0.396	0.496	-25.3	106	0.02
67	sec-Butylbenzene	2.299	1.982	13.8	105	0.02
68 S	1-Bromo-4-Fluorobenzene	0.828	0.872	-5.3	103	0.02
69	p-Isopropyltoluene	1.823	1.597	12.4	104	0.02
70	n-Butylbenzene	1.942	1.688	13.1	102	0.02
71	2-Chlorotoluene	1.436	1.306	9.1	105	0.02
72 T	4-Ethyltoluene	1.387	1.259	9.2	105	0.02
73 T	1,3,5-Trimethylbenzene	1.322	1.204	8.9	105	0.02
74 T	1,2,4-Trimethylbenzene	1.356	1.212	10.6	106	0.02
75 T	1,3-Dichlorobenzene	0.727	0.649	10.7	107	0.02
76 T	1,4-Dichlorobenzene	0.719	0.641	10.8	105	0.02
77 T	1,2-Dichlorobenzene	0.710	0.629	11.4	104	0.02
78 T	Hexachloro-1,3-Butadiene	0.568	0.415	26.9	93	0.02
79 T	Naphthalene	0.793	0.750	5.4	88	0.02
80 T	Naphthalene,2-methyl-	0.169	0.235	-39.1#	103	0.02
81 T	1,2,4-Trichlorobenzene	0.463	0.423	8.6	96	0.02

(#) = Out of Range

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