

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012221\
 Data File : VL036261.D
 Acq On : 22 Jan 2021 9:42
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 24 00:04:39 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	88	0.03
2 T	Dichlorodifluoromethane	1.340	1.296	3.3	101	0.02
3	Chlorodifluoromethane	1.228	1.301	-5.9	103	0.02
4	Chloromethane	0.607	0.641	-5.6	102	0.02
5 T	Vinyl Chloride	0.574	0.628	-9.4	104	0.02
6 T	Bromomethane	0.321	0.357	-11.2	106	0.02
7	Chloroethane	0.198	0.211	-6.6	99	0.02
8 T	Dichlorotetrafluoroethane	1.299	1.409	-8.5	107	0.02
9 T	Propene	0.585	0.578	1.2	102	0.02
10 T	Heptane	1.452	1.476	-1.7	98	0.03
11 T	Trichlorofluoromethane	1.363	1.472	-8.0	107	0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.826	0.934	-13.1	110	0.02
13	Ethanol	0.092	0.092	0.0	113	0.03
14 T	Bromoethene	0.376	0.402	-6.9	102	0.02
15 T	Acetone	1.225	1.193	2.6	104	0.02
16 T	1,3-Butadiene	0.597	0.621	-4.0	102	0.02
17	tert-Butyl alcohol	1.011	1.133	-12.1	108	0.02
18 T	1,1-Dichloroethene	0.383	0.395	-3.1	104	0.02
19 T	Isopropyl Alcohol	0.738	0.809	-9.6	112	0.02
20 T	Methylene Chloride	0.391	0.354	9.5	103	0.02
21 T	Allyl Chloride	0.667	0.722	-8.2	100	0.03
22 T	trans-1,2-Dichloroethene	0.354	0.381	-7.6	104	0.02
23 T	Vinyl Acetate	1.484	1.680	-13.2	104	0.03
24 T	1,1-Dichloroethane	1.075	1.160	-7.9	106	0.03
25 T	Ethyl Acetate	2.459	2.505	-1.9	102	0.03
26 T	Hexane	1.024	1.013	1.1	102	0.03
27 T	Carbon Disulfide	0.819	0.999	-22.0	104	0.03
28 T	Methyl tert-Butyl Ether	1.384	1.440	-4.0	102	0.02
29 T	Chloroform	1.466	1.613	-10.0	106	0.03
30 T	Cyclohexane	0.782	0.849	-8.6	100	0.03
31 T	cis-1,2-Dichloroethene	0.978	1.061	-8.5	101	0.03
32 T	1,1,1-Trichloroethane	1.418	1.578	-11.3	105	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.03
34 T	2-Butanone	0.736	0.693	5.8	100	0.03
35 T	Carbon Tetrachloride	0.632	0.686	-8.5	106	0.03
36 T	Benzene	0.916	0.920	-0.4	102	0.03
37 T	1,2-Dichloroethane	0.551	0.587	-6.5	107	0.03
38 T	Trichloroethene	0.339	0.301	11.2	104	0.03
39 T	1,2-Dichloropropane	0.372	0.374	-0.5	100	0.03
40 T	1,4-Dioxane	0.135	0.121	10.4	107	0.03
41 T	Tetrahydrofuran	0.426	0.405	4.9	94	0.03
42 T	Bromodichloromethane	0.693	0.761	-9.8	106	0.03
43	Methyl Methacrylate	0.389	0.415	-6.7	103	0.03
44 T	2,2,4-Trimethylpentane	1.683	1.578	6.2	100	0.03
45 T	t-1,3-Dichloropropene	0.370	0.451	-21.9	104	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.475	0.530	-11.6	100	0.03
47 T	1,1,2-Trichloroethane	0.356	0.362	-1.7	103	0.03
48 T	Dibromochloromethane	0.521	0.587	-12.7	104	0.03
49 T	Bromoform	0.435	0.489	-12.4	104	0.03
50 T	4-Methyl-2-Pentanone	1.098	1.079	1.7	99	0.03
51 T	2-Hexanone	0.866	0.888	-2.5	98	0.03
52 T	Tetrachloroethene	0.338	0.291	13.9	102	0.03
53 T	Toluene	1.025	1.010	1.5	100	0.03
54 T	1,2-Dibromoethane	0.528	0.539	-2.1	102	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.03
56	1,1,1,2-Tetrachloroethane	0.446	0.449	-0.7	103	0.03
57 T	Chlorobenzene	0.785	0.750	4.5	103	0.03
58 T	Ethyl Benzene	1.484	1.463	1.4	103	0.03
59 T	m/p-Xylene	1.275	1.228	3.7	104	0.03
60 T	o-Xylene	1.229	1.152	6.3	104	0.03
61 T	Styrene	0.776	0.799	-3.0	100	0.03
62	Isopropylbenzene	1.827	1.688	7.6	101	0.03
63 T	1,1,2,2-Tetrachloroethane	0.915	0.805	12.0	103	0.03
64	n-propylbenzene	0.449	0.436	2.9	102	0.04
65	tert-Butylbenzene	1.548	1.438	7.1	103	0.03
66 T	Benzyl Chloride	0.396	0.518	-30.8#	102	0.03
67	sec-Butylbenzene	2.299	2.089	9.1	102	0.03
68 S	1-Bromo-4-Fluorobenzene	0.828	0.826	0.2	90	0.03
69	p-Isopropyltoluene	1.823	1.702	6.6	102	0.03
70	n-Butylbenzene	1.942	1.842	5.1	103	0.03
71	2-Chlorotoluene	1.436	1.349	6.1	101	0.03
72 T	4-Ethyltoluene	1.387	1.308	5.7	100	0.03
73 T	1,3,5-Trimethylbenzene	1.322	1.246	5.7	100	0.03
74 T	1,2,4-Trimethylbenzene	1.356	1.265	6.7	102	0.03
75 T	1,3-Dichlorobenzene	0.727	0.680	6.5	104	0.03
76 T	1,4-Dichlorobenzene	0.719	0.667	7.2	101	0.03
77 T	1,2-Dichlorobenzene	0.710	0.679	4.4	103	0.03
78 T	Hexachloro-1,3-Butadiene	0.568	0.493	13.2	102	0.03
79 T	Naphthalene	0.793	0.971	-22.4	105	0.04
80 T	Naphthalene,2-methyl-	0.169	0.324	-91.7#	131	0.02
81 T	1,2,4-Trichlorobenzene	0.463	0.474	-2.4	99	0.03

(#) = Out of Range

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