

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL031921\
 Data File : VL036448.D
 Acq On : 19 Mar 2021 14:27
 Operator :
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 20 00:46:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 03 14:18:24 2021
 QLast Update : Wed Mar 03 14:18:24 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	98	-0.02
2 T	Dichlorodifluoromethane	1.382	1.243	10.1	101	-0.02
3	Chlorodifluoromethane	1.183	1.092	7.7	100	-0.01
4	Chloromethane	0.562	0.549	2.3	100	-0.01
5 T	Vinyl Chloride	0.531	0.517	2.6	97	-0.01
6 T	Bromomethane	0.329	0.306	7.0	99	-0.02
7	Chloroethane	0.200	0.189	5.5	98	-0.01
8 T	Dichlorotetrafluoroethane	1.358	1.249	8.0	99	-0.01
9 T	Propene	0.515	0.466	9.5	93	-0.02
10 T	Heptane	1.271	1.275	-0.3	99	-0.02
11 T	Trichlorofluoromethane	1.427	1.320	7.5	98	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.910	0.865	4.9	100	-0.02
13	Ethanol	0.079	0.096	-21.5	113	-0.02
14 T	Bromoethene	0.378	0.367	2.9	98	-0.02
15 T	Acetone	1.143	1.026	10.2	101	-0.02
16 T	1,3-Butadiene	0.551	0.511	7.3	97	-0.02
17	tert-Butyl alcohol	0.906	0.978	-7.9	108	-0.03
18 T	1,1-Dichloroethene	0.405	0.379	6.4	101	-0.02
19 T	Isopropyl Alcohol	0.642	0.654	-1.9	105	-0.02
20 T	Methylene Chloride	0.385	0.320	16.9	99	-0.01
21 T	Allyl Chloride	0.644	0.623	3.3	97	-0.02
22 T	trans-1,2-Dichloroethene	0.367	0.354	3.5	101	-0.02
23 T	Vinyl Acetate	1.293	1.277	1.2	93	-0.02
24 T	1,1-Dichloroethane	1.021	0.975	4.5	97	-0.02
25 T	Ethyl Acetate	2.222	2.135	3.9	98	-0.02
26 T	Hexane	0.909	0.866	4.7	98	-0.02
27 T	Carbon Disulfide	0.902	0.948	-5.1	97	-0.02
28 T	Methyl tert-Butyl Ether	1.218	1.186	2.6	98	-0.02
29 T	Chloroform	1.487	1.420	4.5	100	-0.02
30 T	Cyclohexane	0.751	0.741	1.3	99	-0.02
31 T	cis-1,2-Dichloroethene	0.878	0.892	-1.6	100	-0.02
32 T	1,1,1-Trichloroethane	1.495	1.381	7.6	99	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	-0.02
34 T	2-Butanone	0.603	0.560	7.1	101	-0.02
35 T	Carbon Tetrachloride	0.646	0.592	8.4	99	-0.03
36 T	Benzene	0.776	0.763	1.7	100	-0.02
37 T	1,2-Dichloroethane	0.488	0.455	6.8	100	-0.02
38 T	Trichloroethene	0.293	0.271	7.5	101	-0.03
39 T	1,2-Dichloropropane	0.330	0.303	8.2	102	-0.02
40 T	1,4-Dioxane	0.108	0.099	8.3	99	-0.02
41 T	Tetrahydrofuran	0.336	0.331	1.5	97	-0.03
42 T	Bromodichloromethane	0.659	0.622	5.6	98	-0.02
43	Methyl Methacrylate	0.314	0.331	-5.4	99	-0.02
44 T	2,2,4-Trimethylpentane	1.415	1.296	8.4	100	-0.02
45 T	t-1,3-Dichloropropene	0.306	0.358	-17.0	101	-0.03

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.399	0.438	-9.8	101	-0.03
47 T	1,1,2-Trichloroethane	0.329	0.309	6.1	100	-0.03
48 T	Dibromochloromethane	0.498	0.517	-3.8	100	-0.02
49 T	Bromoform	0.407	0.437	-7.4	102	-0.03
50 T	4-Methyl-2-Pentanone	0.878	0.868	1.1	98	-0.02
51 T	2-Hexanone	0.663	0.719	-8.4	100	-0.03
52 T	Tetrachloroethene	0.291	0.258	11.3	101	-0.03
53 T	Toluene	0.836	0.851	-1.8	99	-0.02
54 T	1,2-Dibromoethane	0.475	0.455	4.2	99	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	103	-0.02
56	1,1,1,2-Tetrachloroethane	0.443	0.398	10.2	99	-0.03
57 T	Chlorobenzene	0.722	0.650	10.0	100	-0.03
58 T	Ethyl Benzene	1.243	1.207	2.9	100	-0.03
59 T	m/p-Xylene	1.099	1.025	6.7	99	-0.03
60 T	o-Xylene	1.055	0.960	9.0	99	-0.03
61 T	Styrene	0.642	0.684	-6.5	99	-0.03
62	Isopropylbenzene	1.591	1.448	9.0	101	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.825	0.691	16.2	100	-0.03
64	n-propylbenzene	0.397	0.378	4.8	100	-0.03
65	tert-Butylbenzene	1.384	1.248	9.8	100	-0.03
66 T	Benzyl Chloride	0.386	0.448	-16.1	97	-0.03
67	sec-Butylbenzene	1.933	1.765	8.7	101	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.822	0.808	1.7	99	-0.03
69	p-Isopropyltoluene	1.547	1.449	6.3	101	-0.03
70	n-Butylbenzene	1.599	1.495	6.5	101	-0.03
71	2-Chlorotoluene	1.197	1.114	6.9	98	-0.03
72 T	4-Ethyltoluene	1.146	1.112	3.0	99	-0.03
73 T	1,3,5-Trimethylbenzene	1.112	1.066	4.1	101	-0.03
74 T	1,2,4-Trimethylbenzene	1.181	1.070	9.4	100	-0.03
75 T	1,3-Dichlorobenzene	0.656	0.597	9.0	101	-0.03
76 T	1,4-Dichlorobenzene	0.655	0.584	10.8	101	-0.03
77 T	1,2-Dichlorobenzene	0.642	0.575	10.4	100	-0.03
78 T	Hexachloro-1,3-Butadiene	0.511	0.419	18.0	104	-0.03
79 T	Naphthalene	0.692	0.767	-10.8	100	-0.04
80 T	Naphthalene,2-methyl-	0.150	0.249	-66.0#	117	-0.02
81 T	1,2,4-Trichlorobenzene	0.398	0.409	-2.8	105	-0.04

(#) = Out of Range

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