

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022521\
 Data File : VL036377.D
 Acq On : 25 Feb 2021 10:02
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 26 00:49:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 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	1.492	1.282	14.1	99	0.01
3	Chlorodifluoromethane	1.243	1.195	3.9	114	0.01
4	Chloromethane	0.600	0.611	-1.8	121	0.01
5 T	Vinyl Chloride	0.559	0.595	-6.4	118	0.01
6 T	Bromomethane	0.332	0.342	-3.0	118	0.00
7	Chloroethane	0.198	0.208	-5.1	118	0.01
8 T	Dichlorotetrafluoroethane	1.357	1.363	-0.4	116	0.01
9 T	Propene	0.463	0.540	-16.6	114	0.02
10 T	Heptane	1.365	1.414	-3.6	116	0.02
11 T	Trichlorofluoromethane	1.461	1.448	0.9	116	0.01
12 T	1,1,2-Trichlorotrifluoroeth	0.905	0.884	2.3	116	0.02
13	Ethanol	0.087	0.086	1.1	121	0.02
14 T	Bromoethene	0.379	0.409	-7.9	124	0.01
15 T	Acetone	1.222	1.144	6.4	121	0.01
16 T	1,3-Butadiene	0.585	0.558	4.6	113	0.01
17	tert-Butyl alcohol	0.949	1.098	-15.7	132	0.02
18 T	1,1-Dichloroethene	0.411	0.402	2.2	114	0.02
19 T	Isopropyl Alcohol	0.677	0.734	-8.4	134	0.02
20 T	Methylene Chloride	0.394	0.355	9.9	115	0.02
21 T	Allyl Chloride	0.681	0.697	-2.3	120	0.01
22 T	trans-1,2-Dichloroethene	0.374	0.395	-5.6	121	0.01
23 T	Vinyl Acetate	1.437	1.482	-3.1	115	0.02
24 T	1,1-Dichloroethane	1.063	1.097	-3.2	118	0.02
25 T	Ethyl Acetate	2.360	2.409	-2.1	118	0.02
26 T	Hexane	0.970	0.970	0.0	117	0.02
27 T	Carbon Disulfide	0.891	1.021	-14.6	120	0.02
28 T	Methyl tert-Butyl Ether	1.267	1.370	-8.1	122	0.02
29 T	Chloroform	1.562	1.539	1.5	116	0.02
30 T	Cyclohexane	0.806	0.804	0.2	117	0.02
31 T	cis-1,2-Dichloroethene	0.959	0.988	-3.0	117	0.02
32 T	1,1,1-Trichloroethane	1.460	1.517	-3.9	118	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.02
34 T	2-Butanone	0.664	0.658	0.9	118	0.02
35 T	Carbon Tetrachloride	0.670	0.664	0.9	114	0.02
36 T	Benzene	0.849	0.886	-4.4	118	0.02
37 T	1,2-Dichloroethane	0.525	0.520	1.0	112	0.02
38 T	Trichloroethene	0.304	0.302	0.7	117	0.02
39 T	1,2-Dichloropropane	0.345	0.349	-1.2	114	0.02
40 T	1,4-Dioxane	0.120	0.122	-1.7	120	0.02
41 T	Tetrahydrofuran	0.371	0.398	-7.3	120	0.02
42 T	Bromodichloromethane	0.703	0.729	-3.7	116	0.02
43	Methyl Methacrylate	0.358	0.385	-7.5	114	0.02
44 T	2,2,4-Trimethylpentane	1.545	1.515	1.9	117	0.02
45 T	t-1,3-Dichloropropene	0.346	0.423	-22.3	116	0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.439	0.507	-15.5	115	0.02
47 T	1,1,2-Trichloroethane	0.353	0.353	0.0	118	0.02
48 T	Dibromochloromethane	0.527	0.578	-9.7	116	0.02
49 T	Bromoform	0.426	0.483	-13.4	117	0.02
50 T	4-Methyl-2-Pentanone	0.986	1.009	-2.3	114	0.02
51 T	2-Hexanone	0.749	0.821	-9.6	117	0.02
52 T	Tetrachloroethene	0.311	0.285	8.4	117	0.02
53 T	Toluene	0.920	0.982	-6.7	117	0.02
54 T	1,2-Dibromoethane	0.510	0.516	-1.2	115	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.02
56	1,1,1,2-Tetrachloroethane	0.460	0.469	-2.0	117	0.02
57 T	Chlorobenzene	0.773	0.753	2.6	117	0.02
58 T	Ethyl Benzene	1.369	1.434	-4.7	115	0.02
59 T	m/p-Xylene	1.203	1.206	-0.2	115	0.02
60 T	o-Xylene	1.150	1.137	1.1	116	0.02
61 T	Styrene	0.713	0.817	-14.6	116	0.02
62	Isopropylbenzene	1.724	1.685	2.3	115	0.02
63 T	1,1,2,2-Tetrachloroethane	0.907	0.825	9.0	117	0.02
64	n-propylbenzene	0.424	0.441	-4.0	115	0.02
65	tert-Butylbenzene	1.475	1.444	2.1	116	0.02
66 T	Benzyl Chloride	0.401	0.538	-34.2#	122	0.02
67	sec-Butylbenzene	2.127	2.063	3.0	115	0.02
68 S	1-Bromo-4-Fluorobenzene	0.823	0.851	-3.4	99	0.02
69	p-Isopropyltoluene	1.644	1.693	-3.0	116	0.02
70	n-Butylbenzene	1.763	1.785	-1.2	115	0.02
71	2-Chlorotoluene	1.321	1.329	-0.6	114	0.02
72 T	4-Ethyltoluene	1.280	1.310	-2.3	114	0.02
73 T	1,3,5-Trimethylbenzene	1.241	1.226	1.2	114	0.02
74 T	1,2,4-Trimethylbenzene	1.267	1.252	1.2	114	0.02
75 T	1,3-Dichlorobenzene	0.687	0.691	-0.6	117	0.02
76 T	1,4-Dichlorobenzene	0.714	0.673	5.7	111	0.02
77 T	1,2-Dichlorobenzene	0.682	0.677	0.7	118	0.02
78 T	Hexachloro-1,3-Butadiene	0.557	0.480	13.8	121	0.02
79 T	Naphthalene	0.751	0.908	-20.9	120	0.02
80 T	Naphthalene,2-methyl-	0.139	0.253	-82.0#	197#	0.02
81 T	1,2,4-Trichlorobenzene	0.458	0.484	-5.7	122	0.02

(#) = Out of Range

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