

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121621\
 Data File : VL038210.D
 Acq On : 17 Dec 2021 9:16
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 18 04:51:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 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	78	0.00
2 T	Dichlorodifluoromethane	1.652	1.567	5.1	98	0.00
3	Chlorodifluoromethane	2.100	1.843	12.2	77	0.00
4	Chloromethane	0.715	0.659	7.8	80	0.00
5 T	Vinyl Chloride	0.701	0.688	1.9	83	0.00
6 T	Bromomethane	0.376	0.367	2.4	82	0.00
7	Chloroethane	0.249	0.238	4.4	84	0.00
8 T	Dichlorotetrafluoroethane	1.643	1.556	5.3	82	0.00
9 T	Propene	0.773	0.713	7.8	81	0.00
10 T	Heptane	1.911	1.688	11.7	78	0.00
11 T	Trichlorofluoromethane	1.571	1.475	6.1	82	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.111	1.059	4.7	81	0.00
13	Ethanol	0.075	0.066	12.0	92	0.00
14 T	Bromoethene	0.498	0.483	3.0	85	0.00
15 T	Acetone	0.867	0.851	1.8	93	0.00
16 T	1,3-Butadiene	0.676	0.695	-2.8	88	0.00
17	tert-Butyl alcohol	1.052	1.157	-10.0	96	0.00
18 T	1,1-Dichloroethene	0.510	0.499	2.2	84	0.00
19 T	Isopropyl Alcohol	0.626	0.644	-2.9	100	0.00
20 T	Methylene Chloride	0.486	0.418	14.0	83	0.00
21 T	Allyl Chloride	0.803	0.780	2.9	82	0.00
22 T	trans-1,2-Dichloroethene	0.516	0.501	2.9	81	0.00
23 T	Vinyl Acetate	1.255	1.226	2.3	78	0.00
24 T	1,1-Dichloroethane	1.045	1.035	1.0	83	0.00
25 T	Ethyl Acetate	2.882	2.615	9.3	81	0.00
26 T	Hexane	1.389	1.242	10.6	82	0.00
27 T	Carbon Disulfide	1.244	1.119	10.0	71	0.00
28 T	Methyl tert-Butyl Ether	1.180	1.169	0.9	82	0.00
29 T	Chloroform	2.047	1.820	11.1	78	0.00
30 T	Cyclohexane	1.261	1.111	11.9	79	0.00
31 T	cis-1,2-Dichloroethene	1.321	1.222	7.5	79	0.00
32 T	1,1,1-Trichloroethane	2.077	1.827	12.0	76	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
34 T	2-Butanone	0.403	0.381	5.5	88	0.00
35 T	Carbon Tetrachloride	0.703	0.573	18.5	74	0.00
36 T	Benzene	0.998	0.848	15.0	79	0.00
37 T	1,2-Dichloroethane	0.482	0.419	13.1	77	0.00
38 T	Trichloroethene	0.376	0.320	14.9	81	0.00
39 T	1,2-Dichloropropane	0.383	0.325	15.1	77	0.00
40 T	1,4-Dioxane	0.100	0.072	28.0	70	-0.01
41 T	Tetrahydrofuran	0.250	0.203	18.8	77	0.00
42 T	Bromodichloromethane	0.732	0.605	17.3	75	0.00
43	Methyl Methacrylate	0.341	0.311	8.8	80	0.00
44 T	2,2,4-Trimethylpentane	1.669	1.377	17.5	80	0.00
45 T	t-1,3-Dichloropropene	0.274	0.285	-4.0	81	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121621\
 Data File : VL038210.D
 Acq On : 17 Dec 2021 9:16
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 18 04:51:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 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)
46 T	cis-1,3-Dichloropropene	0.370	0.356	3.8	82	0.00
47 T	1,1,2-Trichloroethane	0.401	0.342	14.7	78	0.00
48 T	Dibromochloromethane	0.610	0.531	13.0	75	0.00
49 T	Bromoform	0.437	0.381	12.8	75	0.00
50 T	4-Methyl-2-Pentanone	0.612	0.559	8.7	81	0.00
51 T	2-Hexanone	0.288	0.294	-2.1	90	0.00
52 T	Tetrachloroethene	0.369	0.297	19.5	82	0.00
53 T	Toluene	1.148	0.984	14.3	80	0.00
54 T	1,2-Dibromoethane	0.566	0.500	11.7	80	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
56	1,1,1,2-Tetrachloroethane	0.454	0.390	14.1	79	0.00
57 T	Chlorobenzene	0.896	0.787	12.2	83	0.00
58 T	Ethyl Benzene	1.653	1.406	14.9	81	0.00
59 T	m/p-Xylene	1.391	1.162	16.5	81	0.00
60 T	o-Xylene	1.291	1.055	18.3	80	0.00
61 T	Styrene	0.692	0.618	10.7	80	0.00
62	Isopropylbenzene	1.832	1.550	15.4	83	0.00
63 T	1,1,2,2-Tetrachloroethane	0.959	0.725	24.4	79	0.00
64	n-propylbenzene	0.467	0.398	14.8	81	0.00
65	tert-Butylbenzene	1.614	1.330	17.6	85	0.00
66 T	Benzyl Chloride	0.082	0.083	-1.2	81	0.00
67	sec-Butylbenzene	2.249	1.855	17.5	83	0.00
68 S	1-Bromo-4-Fluorobenzene	0.721	0.717	0.6	82	0.00
69	p-Isopropyltoluene	1.759	1.542	12.3	86	0.00
70	n-Butylbenzene	1.682	1.498	10.9	87	0.00
71	2-Chlorotoluene	1.339	1.089	18.7	80	0.00
72 T	4-Ethyltoluene	1.496	1.353	9.6	86	0.00
73 T	1,3,5-Trimethylbenzene	1.367	1.191	12.9	86	0.00
74 T	1,2,4-Trimethylbenzene	1.408	1.200	14.8	85	0.00
75 T	1,3-Dichlorobenzene	0.774	0.704	9.0	87	0.00
76 T	1,4-Dichlorobenzene	0.778	0.694	10.8	89	0.00
77 T	1,2-Dichlorobenzene	0.749	0.673	10.1	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.468	0.395	15.6	96	0.00
79 T	Naphthalene	0.742	0.826	-11.3	100	0.00
80 T	Naphthalene,2-methyl-	0.159	0.190	-19.5	90	0.00
81 T	1,2,4-Trichlorobenzene	0.426	0.447	-4.9	99	0.00

(#) = Out of Range

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